① 26.03.2023 CPGLRE -2022 ⑧

EXAM.- S G P - 2002

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code: **A** Question Book Series No:

Time Allowed: 02.00 hours Total Questions: 150 Maximum marks: 150

There shall be negative marking @ 0.25 mark per question for wrong /multiple answers.

Before answering any question, check the Booklet and check that it contains 1-15 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, scripts notes/hoose paper, calculator, docupen, slide rules, log tables electronic watches, smart watch, cell phone, pager, other electrical/electronic devices etc., are not allowed inside the examination hall. In case the candidate is found to be in possession of any the above, he/she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
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72. If in State E Population of females above poverty line is 19800 then what is the population of males below poverty line in that State?
(a) 5500
(b) 3000
(c) 2970
(d) 2500

Direction (For Q 73-75): Study the given chart carefully and then answers questions accordingly.

73. The approximate percentage increase in hotels from the year 1989 to 1994 was
(a) 75
(b) 100
(c) 125
(d) 150

74. If the number of newly made hotels in 1991 was less by 10 then what is the ratio of the number of hotels in 1991 to that in 1990?
(a) 14:11
(b) 3:4
(c) 4:5
(d) 5:4

75. In which of the following years percentage increase in hotels in comparison to the previous year is the maximum?
(a) 1990
(b) 1991
(c) 1992
(d) 1993

Logical Reasoning

76. If all the letters of the word INTROSPECTION are arranged in a way that all the vowels are arranged in the beginning in alphabetical order and then all the consonants are arranged in the alphabetical order, then position of how many letters remains unchanged?
(a) None
(b) One
(c) Two
(d) More than two

Q 77. Not Valued

Hence, not produced

78. Dipika walks 10 km towards North. She walks 6 km towards South then. From here she moves 3 km towards East. How far and in which direction is she with reference to her starting point?
(a) 6 km West
(b) 7 km East
(c) 8 km North
(d) 5 km North-East

Direction (For Q 79-80): Point H is 6 km towards the East of point G. Point R is 8 km North of Point G. Point Q is exactly midway between Point R and point G. Point K is 10 km to the South of Point Q. Point L is 3 km towards the East from point Q. Point S is exactly midway between point G and point H.

79. What is the distance between Point L and Point S?
(a) 3 km
(b) 4 km
(c) 5 km
(d) 6 km

80. Point L is in which direction from point K?
(a) North
(b) South
(c) North-east
(d) South-east

Bseforexam

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Q 81. Not Valued
Hence, not produced

82. Nita returned house 3 days earlier than the time she had told her mother. Nita`s sister Rita reached five days later than day Nita was supposed to return. If Nita return on Thursday, on what day Rita return?
(a) Friday
(b) Saturday
(c) Wednesday
(d) Sunday

83. In a row of 21 girls, when Mita was shifted by four place towards the right, she became 12th from the left end. What was the earlier positions from the right end of the row?
(a) 9th
(b) 10th
(c) 11th
(d) 14th

Q 84. Not Valued
Hence, not produced

General Studies

85. The Preamble to the Constitution declares India as
(a) Sovereign, Democratic, Republic
(b) Sovereign, Socialist, Secular, Democratic, Republic
(c) Socialist, Democratic, Republic
(d) Sovereign, Socialist, Democratic, Republic.

86. If the President of India wants to resign, he has to address the letter of resignation to the-
(a) Chief Justice of India
(b) Prime Minister
(c) Vice-President
(d) Speaker

87. Which of the following languages is not in the Eighth Schedule to the Constitution?
(a) Persian
(b) Sanskrit
(c) Kashmiri
(d) Nepali

88. Which of the following is not a fundamental right?
(a) Right to equality
(b) Right to freedom
(c) Right against exploitation
(d) Right to property

89. In the Indian Constitution, which article is known as the soul of the Constitution?
(a) Article 33
(b) Article 32
(c) Article 42
(d) Article 17

90. What is the meaning of the adjournment motion under Parliamentary procedure—
(a) Member draws attention regarding important subject-matter
(b) Member wants the House to discuss his subject-matter
(c) Member wants to raise complicated issue
(d) Member wants to draw the attention of the House to a recent matter of urgent public importance having serious consequences

91. Which law officer has the right to speak in both the Houses of Parliament—
(a) Solicitor General
(b) Advocate General
(c) Attorney General
(d) Legal Advisor

92. When was Indian National Congress established?
(a) 1888
(b) 1885
(c) 1889
(d) 1890

93. Who were the first Europeans to enter in Odisha?
(a) English
(b) Portuguese
(c) Danish
(d) French

94. The great poet Jayadeva flourished during which dynasty in Odisha?
(a) Gajapati
(b) Ganga
(c) Bhoi
(d) Karrani...

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(2)

Accountant

23.04.2023

(30)

S A R 2022

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code: **D**

Question Book Series No: 107248

Time Allowed: 02.00 hours

Total Questions: 150

Maximum marks: 150

There shall be negative marking @ 0.25 mark per question for wrong /multiple answers.

Before answering any question, check the Booklet that it contains 12 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES
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33. The angle between the minute hand and the hour hand of a clock when the time is 8.30 , is:
a) 85°
b) 75°
c) 65°
d) 115°

34. The last day of a century cannot be
a) Monday
b) Wednesday
c) Thursday
d) Friday

35. A, B, C rent a grass lawn. A puts 10 Goats for 7 months, B puts 12 Goats for 5 months and C puts 15 Goats for 3 months for grazing. If the total rent of the pasture is Rs. 175, how much must C pay as his share of rent?
a) Rs. 45
b) Rs. 50
c) Rs. 55
d) Rs. 60

LOGICAL REASONING

36. If in a Code Language, word 'LATE' is written as 38, then in the same language, word 'MAKE' would be written as :
a) 25
b) 26
c) 27
d) 30

37. Anil, Raju and Ravi are standing on the corners of an Equilateral triangle in an open ground. Raju walks 3 km to reach Anil. How much will Anil have to walk to reach Ravi and come back to his starting point?
a) 3 km
b) 4 km
c) 5 km
d) 6 km

38. B is mother of D and C is brother of D. H is daughter of E ,whereas, D is wife of E. Then, what is the relation of E with C?
a) Father- in –law
b) Brother – in – law
c) Uncle
d) Brother

39. In a specific Code, 'A+B ' means A is brother of B; ' A- B ' means A is mother of B ; 'A X B' means A is father of B ; which of the following depicts that
P is uncle of Q
a) P + Q + K
b) P X K + Q
c) P + K X Q
d) None of these

40. From the below given options, find the word which can be formed by using the letters of the given word :-
RATIONALISATION
a) NATIONALIST
b) NATIONALISTIC
c) REALISATION
d) SITUATION

41. Which of the following letter's group is an odd one
a) BJN
b) FPT
c) LQU
d) JTV

42. From the following, find the number different from others:
a) 345
b) 133
c) 225
d) 216

43. Find the number of letters between 20th letter from Right and 10th letter from right, in the English Alphabet :
a) 9
b) 12
c) 7
d) 11

44. How many meaningful four lettered English words can be made with the letters of 'NDOE' using each letter only once in each word :
a) One
b) Two
c) Three
d) More than Three

45. Select that series in which letters are not according to a general rule.
a) CEGIKM
b) MORTVX
c) PRTVXZ
d) ZBDFHJ

46. If A = 1 and AND = 19 , Then BAT = ?
a) 22
b) 23
c) 21
d) 20

47. In the following question, what will come in the place of (?)
RAMO: SCPS :: VXMJ : ?
a) WPZN
b) WQZN
c) WQPN
d) WZPN

48. In the following series, which number will come in place of the question mark (?) from the given options
16 23 31 40 50 61 ?
a) 73
b) 77
c) 83
d) 81

49. With the help of options given below, find the suitable number which will come in place of the question mark
FED X 3 = 1629
BCD X 4 = 492
BEF X 1 = ?
a) 451

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b) 145
c) 514
d) 415

50. If a month of a specific year ends on Friday, then how many Tuesdays will be there in that Month?
a) 4
b) 5
c) 3
d) 6

51. If Addition is said to be **A** , division to be **B** , Subtraction to be **C** and Multiplication to be **D** , then ,what will be the value of the following equation:
18 D 2 C 20 A 2 A (18 B 9) = ?
a) 16
b) 20
c) 13
d) 15

52. 'X' walks towards south and then turns right, then left and then right. In which direction is he walking now?
a) South
b) North
c) West
d) South-West

53. If 382 is written as 238; 473 as 347 ; and so on . Then which of the following two numbers will have least difference between them?
a) 473 and 382
b) 629 and 728
c) 629 and 568
d) 728 and 847

54. Which digit comes in the middle of the given series?
2 4 3 5 4 4 5 6 7 8 8 9 5 6 7 1 7
a) 5
b) 7
c) 6
d) 9

55. If ' REASON ' is coded as 5 and ' BELIEVED ' as 7 , what is the code number for 'GOVERNMENT'
a) 10
b) 6
c) 9
d) 8

56. In a certain code language ,
125 = go to school
146 = study in school
135 = run to school
Then, which digit is used for 'run'?
a) 6
b) 2
c) 3
d) 1

57. In the question, one number is wrong in the series. Find out the wrong number.
1, 2, 5, 14, 41, 124
a) 2
b) 5
c) 14
d) 124

58. Arrange the following words in a logical sequence
1. Country 2. Furniture 3. Forest
4. Wood 5. Trees
a) 1,3,5,4,2
b) 1,4,3,2,5
c) 2,4,3,1,5
d) 5,2,3,1,4

(Q59 – 61) In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.
Give answer
a) If only conclusion I follows
b) If only conclusion II follows
c) If either conclusion I or II follows
d) If neither conclusion I nor II follows

59. **Statement** : X > Y , Y > Z , Z > H
Conclusion : I. X > Z
II. H > X

60. **Statement** : H > J = K , K ≥ L , L > T , T <V
Conclusion : I. K > T
II. L ≤H

61. **Statement** : P ≥ Q = R > S > T
Conclusion : I. P ≥ T
II. T < Q

62. There are five books A, B, C, D and E. Book C lies above D. Book E is below A. D is above A and B is below E . Which book is at the bottom?
a) E
b) B
c) A
d) C

(Q63 – 65): In each of the following questions, all the equations except one have been solved according to a certain rule. You are required to solve the unsolved equation following the same rule and choose the correct answer out of the given options.

63. 4 X 6 X 2 = 351 ; 3 X 9 X 8 = 287 ; 9 X 5 X 6 = ?
a) 270
b) 845
c) 596
d) 659

64. 4 - 4 = 12 ; 6 - 6 = 30 ; 2 – 2 = 2 ; 8 - 8 = ?
a) 8
b) 38
c) 56
d) 16

65. 16 (27) 43 ; 29 (?) 56 ; 36 (12) 48
a) 23
b) 33
c) 27
d) 37

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ANZ 2022

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code : **A**

Question Book Series No : **130005**

Time Allowed : 150 minutes | Total Questions : 150 | Maximum marks : 150

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SEAL

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distance, which can be covered by the scooter ?

(a) 5 km
(b) 7.5 km
(c) 10 km
(d) None of these

74. 150 workers were engaged to finish a piece of work in a certain number of days. Four workers dropped on the second day, four more workers dropped on the third day and so on. It takes 8 more days to finish the work now. Find the number of days in which the work was completed.

(a) 20 days
(b) 23 days
(c) 25 days
(d) None of these

75. Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be :

(a) Rs. 169.50
(b) Rs. 170
(c) Rs. 175.50
(d) Rs. 180

Logical Reasoning

(Q76-78)In each of the following questions, there are four groups of letters. Three of these are alike in some way while one is different. Find the one which is different.

76. (a) E D C B A
(b) ONMLK
(c) J I H G F
(d) XWVUY

77. (a) AEDCB
(b) GKJIH
(c) MQPON
(d) PRSTQ

78. (a) KLLM
(b) TUUW
(c) XYYZ
(d) OPPQ

(Q79-81)A sales representative plans to visit each of six companies M, N, P, Q, R and S exactly once during the course of one day. She is setting up her schedule for the day according to the following conditions.

(I) She must visit M before N and before R.
(II) She must visit N before Q.
(III) The third company she visits must be 'P'.

79. Which of the following could be the order in which sales representative visits the six companies ?

(a) M, R, N, Q, P, S
(b) M, S, P, N, R, Q
(c) P, R, M, N, Q, S
(d) P, S, M, R, Q, N

80. Which of the following could be true of the sales representative's schedule ?

(a) She visits M third
(b) She visits R sixth
(c) She visits P first
(d) She visits Q second

81. If the sales representative visits 'S' first, which company must she visit second ?

(a) M
(b) N
(c) P
(d) Q

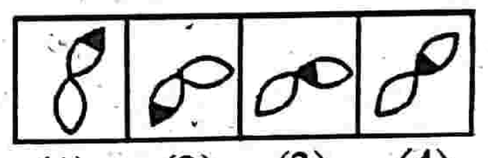
(Q82-84)Select a suitable figure from the Answer Figures that would replace the question mark (?).

82.

Problem Figures :

(A) (B) (C) (D)

Answer Figures :

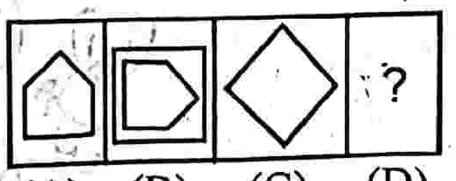


(1) (2) (3) (4)

(a) 1
(b) 2
(c) 3
(d) 4

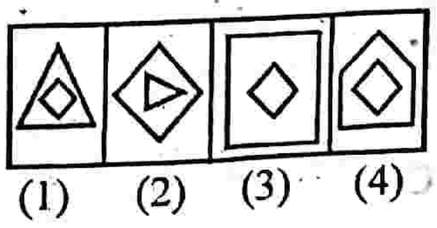
83.

Problem Figures :



(A) (B) (C) (D)

Answer Figures :



(1) (2) (3) (4)

(a) 1
(b) 2
(c) 3
(d) 4

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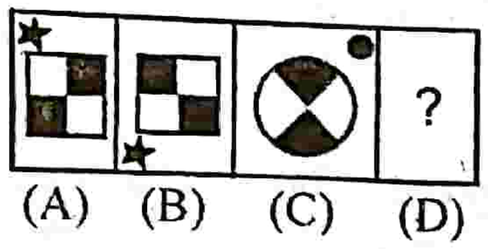
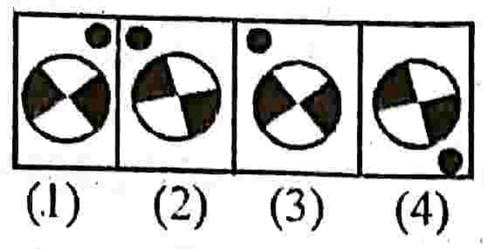
84.

Problem Figures :



Answer Figures :



(a) 1
(b) 2
(c) 3
(d) 4

85. A, B, C, D and E are five rivers. 'A' is smaller than B but longer than 'E'. "C" is the longest and 'D' is a little smaller than B and a little longer than A. Find the smallest river.

(a) A
(b) B
(c) C
(d) E

86. What will come in place of question mark in the series ?

150 152 149 153 148 154 ?

(a) 155
(b) 152
(c) 147
(d) 149

(Q87-89)In each question below are **given two statements** followed by two conclusions numbered I and II. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusion and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Give answer :

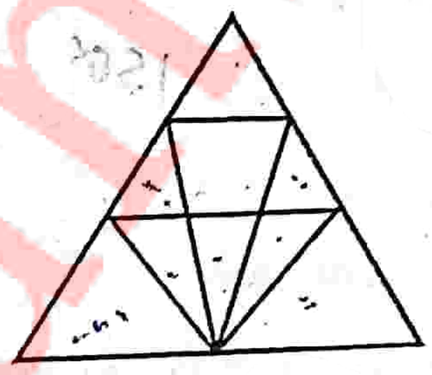
(a) If only conclusion I follows
(b) If only conclusion II follows
(c) If neither I nor II follows and
(d) If both I and II follow

87. **Statements :**
No women teacher can play.
Some women teachers are athletes.
Conclusions :
I Male athletes can play.
II Some athletes can play.

88. **Statements :**
All mangoes are golden in colour.
No golden-coloured things are cheap.
Conclusions :
I All mangoes are cheap.
II Golden-coloured mangoes are not cheap.

89. **Statements :**
Some kings are queens.
All queens are beautiful.
Conclusions :
I All kings are beautiful.
II All queens are kings.

90. Find the number of triangles in the given figure.



(a) 12
(b) 18
(c) 22
(d) 26

91. Rita's grades in four tests are 82, 80, 76 and 70. What grade must she get on the fifth test to raise her average to 80 ?

(a) 86
(b) 88
(c) 92
(d) 96

92. My mother is twice as old as my brother. I am five years younger than my brother but three years older than my sister. If my sister is twelve years of age, how old is my mother ?

(a) 24
(b) 30
(c) 40
(d) 50

93. In the following series, find the wrong element :

17, 36, 53, 68, 83, 92

(a) 68
(b) 36
(c) 83
(d) 92

94. Choose the alternative which closely resembles the mirror image of the given combination.

Contd.

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ANS43Q12

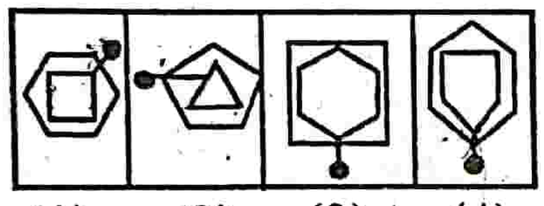
(a) ANS4Q1 2

(b) 2 1 Q 3 4 S N A

(c) S N A 3 4 Q 2 1

(d) 1 2 Q 4 3 A N S

95. Choose the figure which is different from the rest.



(1) (2) (3) (4)

(a) 1
(b) 2
(c) 3
(d) 4

(Q96-100) Five roommates Rohan, Saleem, Tanmay, Umesh, and Vikas each do only one housekeeping task: mopping, sweeping, laundry, vacuuming, or dusting ; And only one day a week, Monday through Friday.

(i) Vikas does not vacuum and does not do his task on Tuesday.
(ii) Saleem does the dusting, and does not do it on Monday or Friday.
(iii) The mopping is done on Thursday.
(iv) Tanmay does his task, which is not vacuuming, on Wednesday.
(v) The laundry is done on Friday, and not by Umesh.
(vi) Rohan does his task on Monday.

96. What task does Tanmay do on Wednesday ?
(a) vacuuming
(b) dusting
(c) mopping
(d) sweeping

97. What day does Umesh do his task ?
(a) Monday
(b) Tuesday
(c) Wednesday
(d) Thursday

98. What task does Vikas do ?
(a) Vacuuming
(b) Mopping
(c) Sweeping
(d) Laundry

99. What day is the vacuuming done ?
(a) Friday
(b) Monday
(c) Tuesday
(d) Wednesday

100. When does Saleem do the dusting ?
(a) Friday
(b) Monday
(c) Tuesday
(d) Wednesday

101. Five poles are fixed in a row. M is on the left of N, O is on the right of P which is on the right of N. If L is on the left of M, which pole is in the Centre ?
(a) L
(b) M
(c) N
(d) O

102. If in a clock, time is 9:30, then what time will be in its reflection in a mirror kept in front of it ?
(a) 3:30
(b) 2:30
(c) 9:30
(d) 6:15

103. From the options given below, in which option, words are arranged according to the alphabetical rule found in dictionary ?

1. Church 2. Chance 3. Celebrity 4. Cataract 5. Cement

(a) 4,5,3,2,1
(b) 4,3,5,2,1
(c) 4,3,2,5,1
(d) 4,2,3,5,1

(Q. 104-107) The following questions are accompanied by three statements 1,2 and 3. You have to determine which statement (s) is/ are sufficient/necessary to answer the questions.

104. Find three positive consecutive even numbers :
1. The average of four consecutive even number starting from the last of the given numbers is 17.
2. The difference of the highest and the lowest number is 4.

(Turn over)

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3. The sum of the squares of the three numbers is 440.

(a) 1 alone is sufficient
(b) 1 and 2 are sufficient
(c) 3 is sufficient
(d) Either 1 or 3 is sufficient

105. Rohit got 700 marks in the examination. To find out his percentage of marks which of the following information is/are necessary/ sufficient.

1. He appeared in all the nine papers.
2. The highest marks obtained is 90.
3. The maximum marks for each paper is 100.

(a) Only 1 is sufficient
(b) Only 3 is sufficient
(c) Only 1 and 2 together are sufficient
(d) Only 1 and 3 together are sufficient

106. To find the length of the carpet which covers the floor of a rectangular hall, which of the following information is needed ?

1. The length of the hall is 28m.
2. The width of the carpet is 2.5 m.
3. The area of the hall is 490 Sq.m.

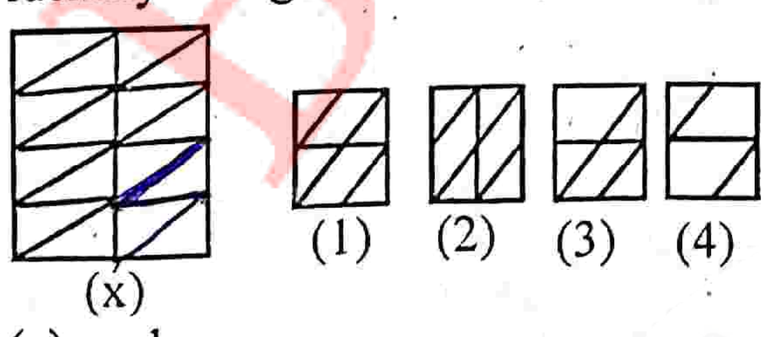
(a) Only 1 and 2 together are sufficient
(b) Only 2 and 3 together are sufficient
(c) Only 1 and 3 together are sufficient
(d) Any two statements are sufficient

107. What is the relative speed of two trains running in opposite directions ?

1. They take 15 seconds to cross each other.
2. The speed of one of the trains is 60 Kmph.
3. The total length of the trains is 360 m.

(a) Only 1 and 2 together are sufficient
(b) Only 2 and 3 together are sufficient
(c) Only 1 and 3 together are sufficient
(d) Any two statements together are necessary

108. Identify the figure that completes the pattern.



(a) 1
(b) 2
(c) 3
(d) 4

109. Look at this series :

V, VIII, XI, XIV, __, XX

What number should fill the blank ?

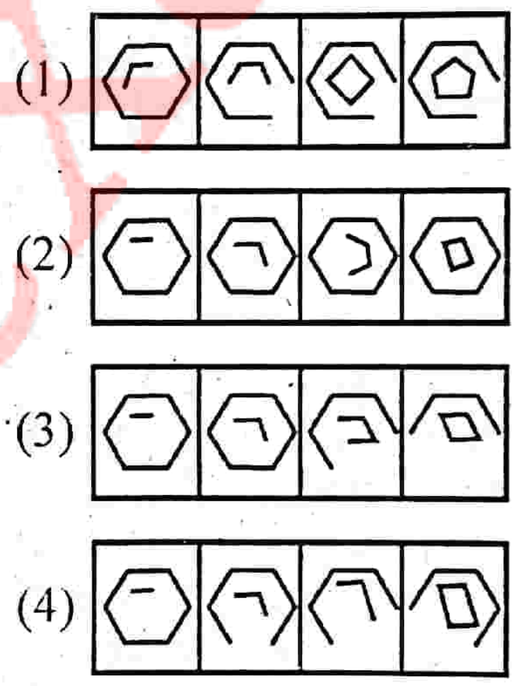
(a) IX
(b) XXIII
(c) XV
(d) XVII

110. Which word does NOT belong with the others ?

(a) inch
(b) ounce
(c) centimeter
(d) yard

111. Choose the set of figures which follows the given rule.

Rule: Closed figures losing their sides and open figures gaining their sides.



(a) 1
(b) 2
(c) 3
(d) 4

Computer and Internet Awareness

112. A _____ partitions a web browser window so that multiple web documents can be displayed simultaneously.

(a) Frame
(b) set
(c) Frameset
(d) div

113. _____ controls all the main slide control tasks for your presentation in MS PowerPoint.

(a) Task Pane
(b) Task Bar
(c) Control Panel
(d) None of these

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SP CGL 28.05.2023 39

4

Script : ENGLISH SAO 2022

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code : **D** Question Booklet Series No : **4872**

Time Allowed : 120 minutes Total Questions : 150 Maximum marks : 150

There shall be negative marking @ 0.25 mark per question for wrong / multiple answers.

Before answering any question, check the Booklet that it contains 16 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

1. Fill in the OMR answer sheet, mentioning the Roll No. and other data as required. in the place(s) indicated therein, darken the appropriate circles in **blue** or **black ball point** pen only. Do not write any name / surname or put any symbol, sign, slogan, prayer or any mark or identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. **Any such act is liable to render the answer sheet unfit for evaluation**.
2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be **expelled from the examination without any enquiry** as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you are incomplete or different from what you have given in the application form, **you shall be awarded Zero mark**.
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7. Candidates may take with them the respective question-booklet after the examination is over.
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SEAL

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Logical Reasoning

1. In the name list of 48 students , Rohit's rank is 41th from bottom. Find his rank from top.
   (a) 12th
   (b) 8th
   (c) 7th
   (d) 9th

2. In a post office, stamps of three different denominations of ₹ 7, ₹ 8 and ₹ 10 are available. The exact amount for which one cannot buy stamps is :
   (a) ₹ 19
   (b) ₹ 20
   (c) ₹ 23
   (d) ₹ 29

(Questions 3-4) In the following questions, select the correct option from the given alternatives :

3. **M × N : 13 × 14 :: I × H : ?**
   (a) 9 × 8
   (b) 8 × 9
   (c) 9 × 10
   (d) 10 × 9

4. **STBP : 1920216 :: MNGO : ?**
   (a) 1314715
   (b) 1413715
   (c) 5173141
   (d) 3114715

(Questions 5-7) In each of the following questions, choose that set of members from the alternatives which is similar to the given set :

5. (1, 5, 7) :
   (a) (2,3,7)
   (b) (11,15,16)
   (c) (37,41,43)
   (d) (4,7,9)

6. (32, 24, 8) :
   (a) (26,32,42)
   (b) (34,24,14)
   (c) (24,16,0)
   (d) (42,34,16)

7. (81, 77, 69) :
   (a) (64,61,53)
   (b) (56,52,44)
   (c) (92,88,79)
   (d) (75,71,60)

8. If the statement ***'most of the students are obedient'*** is taken to be true ; which one of the following pair of statements can be claimed to be true ?
   1. All obedient persons are students.
   2. All students are obedient.
   3. Some students are obedient.
   4. Some students are not disobedient.

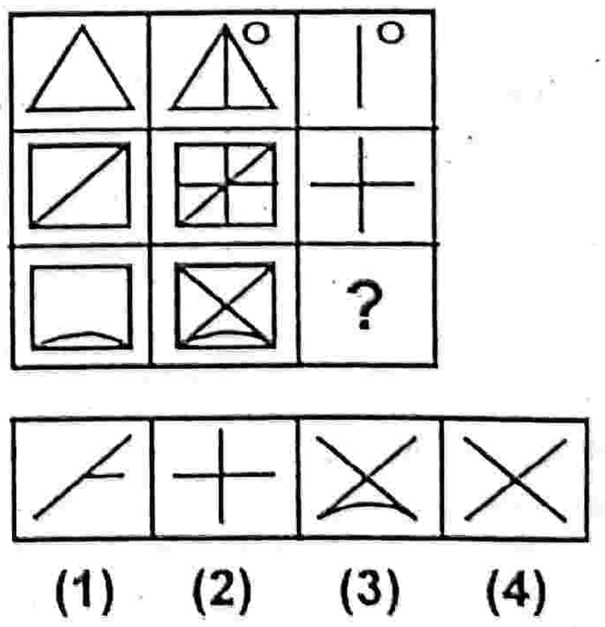
   Codes :
   (a) 1 and 2
   (b) 2 and 3
   (c) 3 and 4
   (d) 2 and 4

9. If the proposition ***'All thieves are poor'*** is false, which of the following propositions can be claimed certainly to be true ?

   Propositions:
   (a) Some thieves are poor
   (b) Some thieves are not poor
   (c) No thief is poor
   (d) No poor person is a thief

10. Find the missing number :
    NEAT = 40, PLEAD = 50
    REPLETE = ?
    (a) 60
    (b) 70
    (c) 80
    (d) 90

11. Select a suitable figure from the four alternatives that would complete the figure matrix :



(1) (2) (3) (4)

(a) 1
(b) 2
(c) 3
(d) 4

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(Questions 12-13) Eight students J, K, L, M, N, O, P and Q go on for a science exhibition in two batches of four each. J and K never go together. M and O do not go together. K and Q have to go together.

12. If K and L go in one batch, then which of the following can be in the other batch ?
    (a) J, M, O and P
    (b) J, M, Q and P
    (c) J, M, N and P
    (d) J, L, N and P

13. If M goes with Q, then who can be their other batch mates ?
    (a) J and P
    (b) L and P
    (c) K and N
    (d) K and O

14. Find the missing number in the table below :

2	3	4
6	7	8
10	11	12
58	74	?

    (a) 91
    (b) 90
    (c) 96
    (d) 92

Current Affairs

15. For how many state assembly seats, was the election in Karnataka held on 10.05.2023 ?
    (a) 214
    (b) 224
    (c) 234
    (d) 244

16. In early May 2023, WHO declared that COVID-19 no longer qualified as a "Global Health Emergency". As per WHO, what is the number of people estimated to have died from COVID-19 so far ?
    (a) Around 10 million
    (b) Around 7 million
    (c) Around 3 million
    (d) Around 15 million

17. Who is the current Director General of WHO ?
    (a) Margaret Chan
    (b) T. A Ghebreyesus
    (c) Lee Jong-Wook
    (d) Gro Harlem Brundtland

18. Who was recently appointed as Chairman of Atomic Energy Commission ?
    (a) Sekhar Basu
    (b) Ratan Kumar Sinha
    (c) Ajit Kumar Mohanty
    (d) Dr. Anil Kakodar

19. Ranjit Guha died in May 2023. In which field did he primarily distinguished himself ?
    (a) Teaching and Research in History
    (b) Teaching and Research in Economics
    (c) Music
    (d) Dance

20. Mohan Maharshi died in May 2023. In which field did he primarily distinguished himself ?
    (a) Theatre
    (b) Cinema
    (c) Athletics
    (d) Science

21. Former President Donald Trump was found liable for sexual assault in a civil case in May 2023. What was the amount of fine imposed on him ?
    (a) 5 Million Dollars
    (b) 6 Million Dollars
    (c) 9 Million Dollars
    (d) 10 Million Dollars

22. Which Airline has filed plea for insolvency in early May 2023 ?
    (a) Go Air
    (b) Kingfisher
    (c) Jet Airlines
    (d) Sahara Airlines

23. Which North Eastern state was affected by violence and clashes between tribals and non-tribals in early May 2023 resulting in over 50 deaths ?
    (a) Manipur
    (b) Meghalaya
    (c) Nagaland
    (d) Mizoram

121. Golu was obese, and hence he decided to stick to a diet regime. On Monday, he ate half Paratha. He ate half of what was left on Tuesday and so on. He followed this pattern for one week. If, one Paratha amounts to 100 calories, then what is the calorie intake of Golu during the week (7 days) ?

(a) 99.22
(b) 98.72
(c) 97.66
(d) 96.88

122. A Yogi was born in 1840 B.C. He had lived one-third of his life as a boy, one-fifth of his life as a youth, one-fourth of his life as a man and the remaining 39 years as an old man. Which B.C. year did he die ?

(a) 1660
(b) 2020
(c) 1680
(d) 2000

123. The ratio of Employees to Managers in an organisation is 7: 3. 70% of the Employees and 30% of the Managers take lunch in the canteen. What % of total workforce takes lunch in canteen?

(a) 63%
(b) 53%
(c) 58%
(d) Cannot be determined

124. A farmer has three children and 44 gold coins. He decides to give coins to his three children in the following ratio :

$\frac{1}{3} : \frac{1}{6} : \frac{1}{9}$. The one who got highest number of coins, got how many coins ?

(a) 20
(b) 27
(c) 24
(d) 18

125. If 20 boys and 20 girls eat 20 apples in 20 minutes, in how many minutes will one boy and one girl eat one apple ?

(a) 2 minutes
(b) 1 minute
(c) 20 minutes
(d) Cannot be determined

Logical Reasoning

126. If in a code language 'RIPPLE' is written as 'FACCHB' and 'LIFE' is written as 'HAIB', then in the same code , 'PILLER' would be written as :

(a) CAHHBF
(b) CAHBHF
(c) FAHHBF
(d) CAHGBF

127. A clock gains 5 minutes every hour. How much angle will the second hand cover in one minute ?

(a) 360°
(b) 360.5°
(c) 390°
(d) 380°

128. In the following number series, only one term is wrong . Find the wrong term.

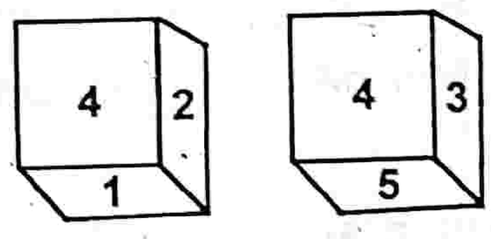
3 4 7 11 20 29 47 76

(a) 7
(b) 11
(c) 20
(d) 47

129. In a year, which other month starts on the same day, on which March month starts ?

(a) July
(b) November
(c) December
(d) October.

130. Shown below are two positions of a dice –



If '3' is on the bottom face, then which number will be on the top face ?

(a) 4
(b) 5
(c) 2
(d) 1

131. A cube of 16 cm edge, is divided into 64 small cubes of equal volume, what will be the measure of edge of each small cube ?

(a) 1 cm.
(b) 2 cm.
(c) 4 cm.
(d) 8 cm.

(Turn over)

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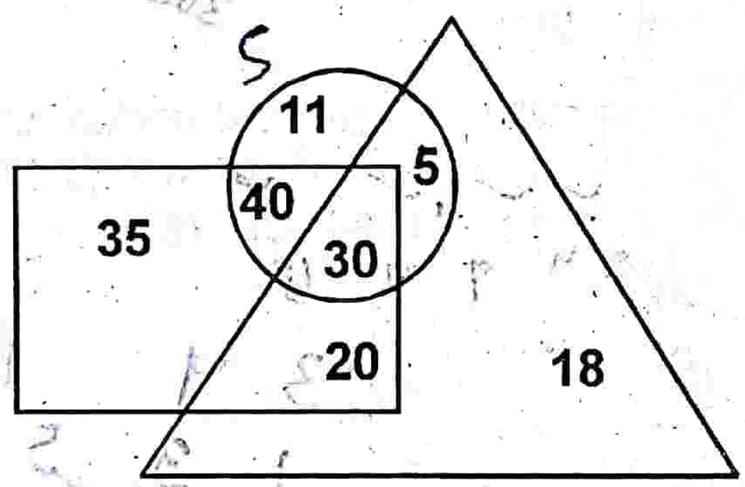
132. Which of the given options will make the given equation correct after interchanging the signs ?

24 + 6 × 3 ÷ 3 – 1 = 14

(a) + and ÷
(b) × and –
(c) × and +
(d) – and ÷

133. If singers are denoted by 'circle', clerk by 'rectangle' and males by 'triangle' and their proportionate numbers are depicted by the numbers given within the diagram in the area they are present, find out how many persons are male clerks but are not singers ?



(a) 35
(b) 20
(c) 11
(d) 18

(Q 134-136) Below are given two statements followed by two conclusions. You have to tell which of the following will follow ?

(a) Only Conclusion I is correct
(b) Only Conclusion II is correct
(c) Either Conclusion I or II is correct
(d) Neither Conclusion I nor II is correct

134. **Statements :**

I. All tents are cabins.
II. All cabins are houses.

Conclusions :

I. All tents are houses.
II. All houses are tents.

135. **Statements :**

I. All purses are ropes.
II. No rope is basket.

Conclusions :

I. No purse is basket.
II. At least some purses are basket.

136. **Statements :**

I. Some weather are rain.
II. Some summers are weather.

Conclusions :

I. At least some summers are rain.
II. At least some weathers are summers

137. A child is in search of his father. He moves 90 meters towards east, then turns right and moves 20 meters and again turn to his right and went to this uncle's house which is 30 meters away. His father was not there. From here he went 100 meters towards north and there he met his father in a lane. How far from his initial place did he meet his father (shortest distance) ?

(a) 80 m
(b) 100 m
(c) 140 m
(d) 260 m

138. Average of 15 numbers is 68. Average of first 8 numbers is 63 and average of last 8 numbers is 70. Find out the eighth number.

(a) 44
(b) 49
(c) 56
(d) 10

139. Sum of three numbers is 98. If the ratio of the first and second number is 2 : 3, and the ratio of second and third number is 5 : 8, then what is the second number ?

(a) 30
(b) 20
(c) 58
(d) 48

140. In a class, number of boys is three times the number of girls. Which number from the below given numbers cannot denote the total number of students in the class ?

(a) 48
(b) 44
(c) 46
(d) 40

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141. Each vowel of the word SURROUND is changed with its previous letter alphabetically and each consonant with its next letter alphabetically. In this new arrangement, which letter will be second from the right end ?

(a) N
(b) T
(c) S
(d) O

142. If the series 4,5,8,13,14,17,22,..... is continued in the same pattern, which one of the following is not a term of this series ?

(a) 31
(b) 32
(c) 33
(d) 35

143. Find the number different from others.

(a) 345
(b) 133
(c) 225
(d) 216

144. In a certain code, the following alphabets are coded in a certain way by assigning numbers as follows :

A	D	I	L	M	N	O	R	W
1	2	3	4	5	6	7	8	9

Which word can be decoded from the following ?

1 6 3 5 1 4 9 7 8 4 2

(a) Animal world
(b) Animal less world
(c) World of Animals
(d) Animals world

(Questions 145-147) Study the following information carefully to answer the given questions :

Codes :

i. **'very large risk associated'** is written as ***'nu ta ro gi'***.
ii. **'risk is very low'** is written as ***'gi se nu mi'***.
iii. **'is that also associated'** is written as ***'ta mi po fu'***
iv. **'inherent risk also damaging '** is written as ***'fu nu di yu'***

(All the codes are two letters codes only)

145. Which of the following represents 'risk also large' ?

(a) nu fu po
(b) nu gi ro
(c) ro po ta
(d) fu nu ro

146. What does the code *'di'* stand for ?

(a) Either 'damaging ' or 'inherent'
(b) Inherent
(c) Also
(d) Low

147. What is the code for 'associated'?

(a) mi
(b) ta
(c) ro
(d) gi

(Questions 148-150) Read the following information carefully to answer these questions :

A family consists of six members **P,Q,R,X,Y and Z. Q** is the son of **R** but **R** is not the mother of **Q. P** and **R** are a married couple . **Y** is the brother of **R. X** is the daughter of **P .Z** is the brother of **P.**

148. Who is the brother-in-law of R ?

(a) P
(b) Z
(c) Y
(d) X

149. How many female members are there in the family ?

(a) One
(b) Two
(c) Three
(d) Four

150. Which of these is a pair of brothers ?

(a) P and X
(b) P and Z
(c) Q and X
(d) R and Y

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5 CTS – 2022 04.06.2023

35

SCRIPT : ENGLISH

D M F 2022

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code : **A**

Question Booklet Series No : **20777**

Time Allowed : 150 minutes

Total Questions : 150

Maximum marks : 150

There shall be negative marking @ 0.25 mark per question for wrong / multiple answers.

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SEAL

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67. Savita and Hamida are friends. What is the probability that both will have different birthdays ? (Ignoring a leap year).

(a) $\frac{365}{366}$

(b) $\frac{364}{365}$

(c) $\frac{363}{365}$

(d) $\frac{363}{366}$

68. What is the product of all the numbers in the dial of a telephone ?

(a) 1,58,480

(b) 1,59,450

(c) 0

(d) None of these

69. What is the unit digit in

$\{(6374)^{1793} \times (625)^{317} \times (341)^{491}\}$?

(a) 0

(b) 2

(c) 3

(d) 5

70. On dividing 2272 as well as 875 by 3-digit number N, we get the same remainder. The sum of the digits of N is :

(a) 10

(b) 11

(c) 12

(d) 13

71. A boy multiplied 987 by a certain number and obtained 559981 as his answer. If in the answer both 9 are wrong and the other digits are correct, then the correct answer would be :

(a) 553681

(b) 555181

(c) 555681

(d) 556581

72. A number consists of 3 digits whose sum is 10. The middle digit is equal to the sum of the other two and the number will be increased by 99 if its digits are reversed. The number is :

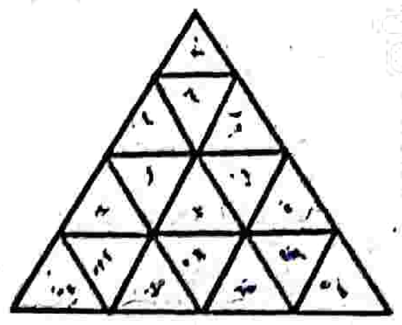
(a) 145

(b) 253

(c) 370

(d) 352

73. Count the number of triangles in given figure :



(a) 24

(b) 26

(c) 27

(d) 28

74. A man wears socks of two colours - black and brown. He has altogether 20 black socks and 20 brown socks in a drawer. Supposing he has to take out the socks in the dark, how many least number of socks must he take out to be sure that he has matching pair ?

(a) 3

(b) 20

(c) 39

(d) None of these

75. Which of the following statements are true ?

(i) Every whole number is a natural number.

(ii) Every integer is a rational number.

(iii) Every rational number is an integer.

(a) (ii) only

(b) (i) and (ii) only

(c) (iii) only

(d) All are true statements

Logical Reasoning

76. If in a code language 'MATCH' is written as 'NCWGM' and 'BOX' as 'CQA' , then how will 'NOTEBOOK' be written in the same language ?

(a) OQWGIUVS

(b) OQWIGVUS

(c) OQWIGUVS

(d) OQWIGUSV

77. If in a code language, "LUXOR" is written as 30, then in the same language, "GUILDS" will be written as :

(a) 36

(b) 38

(c) 24

(d) 40

78. In the given set, a rule is followed, find the set based on the same rule from the given options :

Given set – (15, 30, 90)

(a) (6, 18, 54)
(b) (12, 24, 36)
(c) (12, 24, 72)
(d) (12, 26, 70)

79. 'Writing ' is related to 'Pen' as :

(a) 'Singing' is related to 'Music'
(b) 'Stitching' is related to 'Needle'
(c) 'Dance' is related to 'Exercise'
(d) 'Carpenter' is related to 'Tools'

80. Find the pair which is different from the other three pairs.

(a) BFE
(b) HLK
(c) DHG
(d) JNR

81. A monkey jumps up 30 feet at the beginning of each hour and rests for an hour, when he slips back 20 feet before he again starts climbing in the beginning of the next hour. If he begins his ascent at 8:00 am, at what time will he first touch a flag at 120 feet from the ground ?

(a) 4 p.m.
(b) 5 p.m.
(c) 6 p.m.
(d) None of these

82. If a clock rings once at 1 O'clock, twice at 2 O'clock, thrice at 3 O'clock and so on, then how many times the clock will ring in one day ?

(a) 144 times
(b) 136 times
(c) 156 times
(d) 147 times

83. If the water reflection of a Clock above, shows time as 6 hours 10 minutes, then the actual time will be :

(a) 6 : 50
(b) 12 : 40
(c) 12 : 20
(d) 6 : 10

84. Four bags T, S, V and W are so, that they all are of different weights .Bag T is only lighter than S. V is lighter than W and W is lighter than T. Which is the lightest bag ?

(a) S
(b) W
(c) T
(d) V

85. It being given that : > denotes +, < denotes –, + denotes ÷, – denotes =, = denotes < and x denotes > : find which of the following is a correct statement ?

(a) 3 ÷ 2 + 4 > 9 = 3 < 2
(b) 3 > 2 + 4 = 18 ÷ 3 < 1
(c) 3 > 2 = 4 = 8 + 4 < 2
(d) 3 + 2 = 4 × 9 ÷ 3 < 3

86. In the following number series, only one term is different. Find the different term :

8, 27, 64, 100, 125, 216, 343

(a) 27
(b) 100
(c) 125
(d) 343

87. In 318, 368, 345, 395, 372, 422, ?, 449, what will come in place of question mark (?) ?

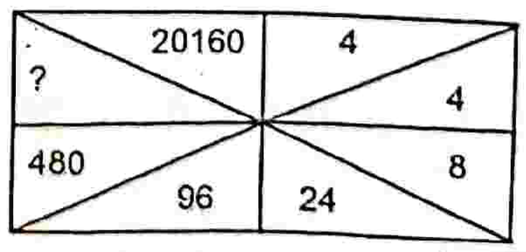
(a) 398
(b) 395
(c) 438
(d) 399

88. In the following series of Letters, which of the following options will come in place of question mark (?)

BXF DVI FTL HRO ?

(a) JOL
(b) KPM
(c) KPL
(d) JPR

89. Find the missing character from among the given alternatives :

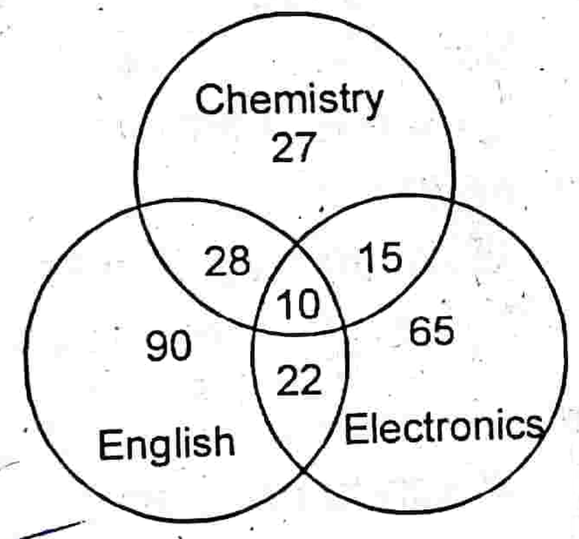


(a) 860
(b) 1140
(c) 2880
(d) 3240

90. Assuming in the year 1950, Republic Day was celebrated on Wednesday. In the year 1951, this day would be celebrated on :

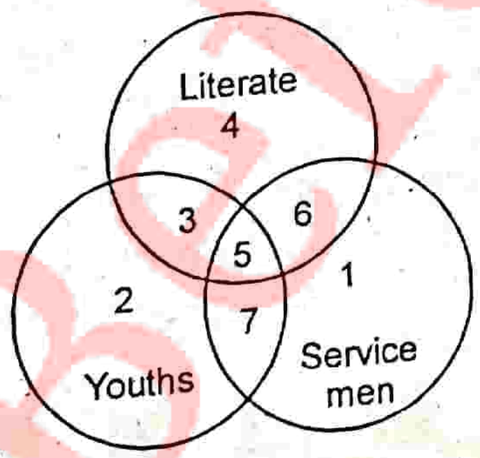
(a) Monday
(b) Tuesday
(c) Friday
(d) Thursday

91. In the Venn diagram below, the number of those candidates is given who passed in Chemistry, Electronics and English. Total number of candidates who appeared for the examination was 600. Find the percentage of candidates who passed in at least two subjects ?



(a) 12.5%
(b) 1.25%
(c) 12.05%
(d) 12%

92. Study the figure given below and find those youth who are in service but not literate :



(a) Only 7
(b) 3 or 4
(c) 6 or 4
(d) 2 or 5 or 7

93. Rajesh goes 10 km towards North, from there he goes 6 km towards South, then he goes 3 km towards East. Find out in which direction and how far is he from the starting point ?

(a) 7 km, West
(b) 7 km, East
(c) 5 km, West
(d) 5 km, North-East

(Q. 94-95) Study the following information carefully and answer the questions :

Point D is 14 meters West of Point A. Point B is 4 meters South of Point D. Point F is 9 meters South of Point D. Point E is 7 meters East of Point B. Point C is 4 meters North of Point E. Point G is 4 meters South of Point A.

94. Which of the following points are in a straight line ?

(a) D, E, A
(b) E, G, C
(c) D, B, G
(d) E, G, B

95. What is the direction of Point A with respect to Point C ?

(a) East
(b) West
(c) North
(d) South

96. In a certain code language '123' means 'bright little boy', '145' means 'take big boy' and '637' means 'beautiful little flower'. Which digit in that language means 'bright' ?

(a) 1
(b) 2
(c) 3
(d) 4

97. A family has a man, his wife, their four sons and their wives. The family of every son also has 3 sons and one daughter. Find out the total number of male members in the whole family.

(a) 4
(b) 8
(c) 12
(d) 17

98. If 'P + Q' means 'P is the father of Q'; 'P × Q' means 'P is the brother of Q'; 'P – Q' means 'P is the mother of Q', then which of the following is definitely true about C + A + B ?

(a) B is the son of A
(b) A is the son of C
(c) B is the father of A
(d) C is the mother of B

(Turn over)

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(Q.99-102) Study the following information carefully and answer the questions given below :

All the roads of a city are either perpendicular or parallel to one another. The roads are all straight. Roads A, B, C, D and E are parallel to one another. Roads G, H, I, J, K, L and M are parallel to one another.

(I) Road A is 1 km east of road B.
(II) Road B is $\frac{1}{2}$ km west of road C.
(III) Road D is 1 km west of road E.
(IV) Road G is $\frac{1}{2}$ km south of road H.
(V) Road I is 1 km north of road J.
(VI) Road K is $\frac{1}{2}$ km north of road L.
(VII) Road K is 1 km south of road M.

99. Which is necessarily true ?
(a) E and B intersect
(b) D is 2 km west of B
(c) D is at least 2 km west of A
(d) M is 1.5 km north of L

100. If road E is between B and C, then distance between A and D is :
(a) $\frac{1}{2}$ km
(b) 1 km
(c) 1.5 km
(d) 1.5 to 2 km

101. Which of the following possibilities would make the roads coincide ?
(a) L is $\frac{1}{2}$ km north of I
(b) C is 1 km west of D
(c) I is $\frac{1}{2}$ km north of K
(d) E and B are $\frac{1}{2}$ km apart

102. If K is parallel to I and K is $\frac{1}{2}$ km south of J and 1 km north of G, which two roads would be $\frac{1}{2}$ km apart ?
(a) I and K
(b) J and G
(c) I and G
(d) M and J

(Q.103-104) Read the following information carefully and answer the questions given below it :

Alka is older than Mala. Gopal is older than Mala but younger than Alka. Kapil is younger than Ram and Mala. Mala is older than Ram.

103. Whose age is between Gopal and Ram ?
(a) Mala
(b) Kapil
(c) Alka
(d) None of these

104. Whose age is between Mala and Kapil ?
(a) Gopal
(b) Ram
(c) Alka
(d) None of these

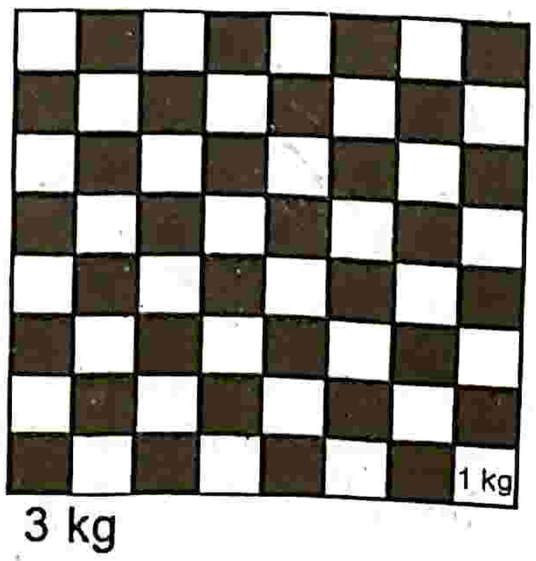
(Q. 105-106) Some statements followed by some conclusions are given below in each of the question. You are required to check the validity of each of the conclusion on the basis of the given statements and to mark your answer choice accordingly.

(a) If only Conclusion I follows
(b) If only Conclusion II follows
(c) If either I or II follows
(d) If both I and II follow

105. **Statements :**
(I) Some squares are circles.
(II) No circle is a triangle.
(III) No line is a square.
Conclusions :
(I) All squares can never be triangles.
(II) Some lines are circles.

106. **Statements :**
(I) All songs are poems.
(II) All poems are rhymes.
(III) No rhyme is a paragraph.
Conclusions :
(I) No song is a paragraph.
(II) No poem is a paragraph.

107. There is a standard 8 × 8 chess-board. Each of its 64 square is assigned a weight. These weights are assigned in such a manner that the weight of a square is an average of the weight of the square that it is surrounded by. If the weight assigned to the rightmost bottom corner square is 1 kg. Then, what is the heaviest weight assigned among these blocks ?



(a) 3 kg
(b) 5 kg
(c) 8 kg
(d) 1 kg

108. If the positions corresponding to the multiples of 5 in the English alphabet are replaced by symbols and that of multiples of 7 by digits, how many alphabets will be left ?
(a) 15
(b) 17
(c) 18
(d) 21

109. In the following series of letters, some definite order determines, which of the next two letters in the correct order ?
A J K T U B I L S V C H M R W D G N Q X E F O ? ?
(a) PY
(b) PZ
(c) YZ
(d) ZA

110. Unscramble the letters in the given words and find the odd one out :
(a) EIWNTR
(b) UMRSME
(c) PIGRSN
(d) LCUOD

111. In the numbers from 100 to 1000, how many times digit 1 comes at the ten's place ?
(a) 9
(b) 10
(c) 90
(d) 900

Computer and Internet Awareness

112. Whenever the data is found in the cache memory it is called as _____.
(a) HIT
(b) MISS
(c) FOUND
(d) ERROR

113. A program that reads each of the instructions in mnemonic form and translates it into the machine-language equivalent is called :
(a) Machine language
(b) Assembler
(c) Interpreter
(d) C program

114. What does USB stand for ?
(a) Universal Signal Board
(b) Universal Signal Bus
(c) Universal Serial Bus
(d) Universal Serial Board

115. Convert the binary equivalent 10101 to its decimal equivalent :
(a) 21
(b) 12
(c) 22
(d) 31

116. A _____ is a diagram that depicts the flow of a program.
(a) Algorithm
(b) Hash Table
(c) Graph
(d) Flowchart

117. Which of the following shortcut key is used to stop the slide show in PowerPoint ?
(a) Esc key
(b) Ctrl + O
(c) Ctrl + N
(d) Ctrl + K

118. Which of the following is the shortcut key to insert a new slide between the current PowerPoint presentations ?
(a) Ctrl + N
(b) Ctrl + K
(c) Ctrl + M
(d) Ctrl + O

119. You can convert existing Excel worksheet data and charts to an HTML document by using :
(a) FTP wizard
(b) Internet assistant wizard
(c) Intranet wizard
(d) Import wizard

120. Which of the cell pointer indicates you that you can make selection in Excel ?
(a) Doctor's symbol (Big Plus)
(b) Small thin plus icon
(c) Mouse Pointer with anchor at the tip
(d) None of these

121. What is landscape ?
(a) Page Orientation
(b) Paper Size
(c) A Font Style
(d) Page Layout

122. What shortcut key is used to split a table in MS Word in Windows ?
(a) Ctrl + Shift + Enter
(b) Alt + Space + Enter
(c) Ctrl + Alt + Enter
(d) Alt + Shift + Enter

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6 Re - Accountant 30.07.2023 30

S A R 2022

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO.

Question Booklet Series Code: **D** Question Book Series No: 146484

Time Allowed: 02.00 hours Total Questions: 150 Maximum marks: 150

There shall be negative marking @ 0.25 mark per question for wrong /multiple answers.

Before answering any question, check the Booklet and check that it contains 16 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES
1. Fill in the OMR answer sheet, mentioning the Roll No. and other data as required. in the place(s) indicated therein and darken the appropriate circles in **blue** or **black ball point** pen only. Do not write any name/surname or put any symbol, sign, slogan, prayer or any mark of identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. **Any such act is liable to render the answer sheet unfit for evaluation.**
2. Correcting fluid , eraser , blade , books , textual material , scripts notes/loose paper, calculator , document, slide rules, log tables/ electronic watches, smart watch, cell phone, pager, other electrical/electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he/she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet . If the information so furnished by you are incomplete or different from what you have given in the application form , you shall be awarded Zero mark.
4. Answer must be given by completely darkening one of the four circles/ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question by using only Black/Blue ball point pen. For Answers not shown by properly darkening in black/blue ball point pen, no marks shall be awarded.
5. No Rough work should be done on the OMR Answer Sheet, Space for rough work has been provided in the Question Booklet itself.
6. After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall/room shall make the candidate liable for penal action.
7. Candidates may take with them the respective question-booklet after the examination is over.
8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.

Before exam

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68. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?
a) 57%
b) 60%
c) 65%
d) 90%

69. In a dairy farm, 40 cows eat 40 bags of husk in 40 days. In how many days one cow will eat one bag of husk?
a) 1 day
b) 40 days
c) 80 days
d) 60 days

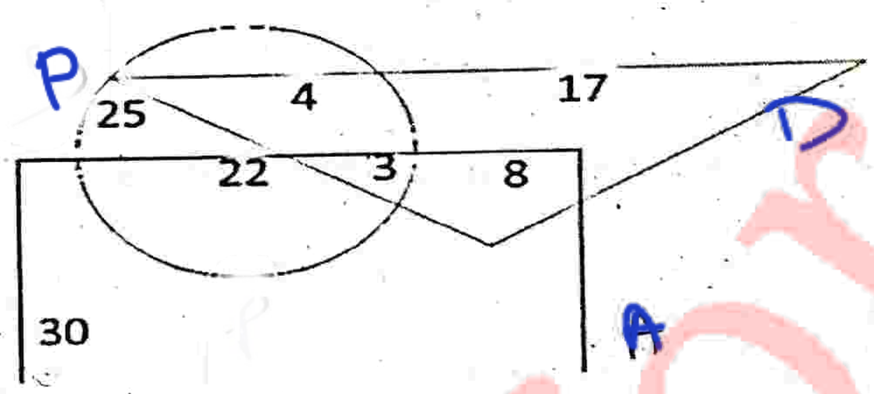
70. A man crosses a street 600 m long in 5 minutes. His speed in km/h is
a) 7.2
b) $\frac{5}{36}$
c) 3.6
d) 10

Logical Reasoning

Direction for Questions (71 to 74):

Study the following figure carefully and answer the questions below it.

- Triangle= Doctors
- Circle = Players
- Rectangle = Artists



71. How many doctors are both players and artists?
a) 4
b) 3
c) 8
d) 11

72. How many artists are players?
a) 22
b) 30
c) 25
d) 29

73. How many players are neither artists nor doctors?
a) 25
b) 22
c) 4
d) 3

74. How many doctors are players but not artists?
a) 17
b) 4
c) 7
d) 22

Direction for Questions (75 to 79):

Read the information given below and answer the questions that follow.

- Five plays A. B. C. D and E are to be staged on five days from Monday to Saturday.
- One of these days will be a holiday on which no Play will be staged.
- Play B is staged two days before the holiday.
- Thursday is not the holiday.
- Play D is staged on Tuesday.
- Play C is staged on Friday.
- Play E is staged on the previous day of Play C.

75. Which day of the week is holiday?
a) Monday
b) Wednesday
c) Thursday
d) Saturday

76. Which of the following statement is correct on the basis of given information?
a) Play A is staged two days after the holiday.
b) Play B is staged on the next day of Play D.
c) Staging of plays D and E is separated by one day.
d) Play E is staged on the next day of play C.

77. On which day of the week the play A staged?
a) Monday
b) Tuesday
c) Friday
d) Saturday

78. Play E is scheduled to be held on _____.
a) Monday
b) Thursday
c) Friday
d) None of these days

79. If the plays C and B are interchanged, how many days' gap will be there between the staging of plays D and B?
a) One
b) Two
c) Three
d) Four

80. If '×' means '*added to*';
'÷' means '*multiplied by*';
'+' means '*subtracted from*' and
'−' means '*divided by*'
Then
$24 + 36 - 12 \times 8 \div 4 = ?$
a) 36
b) 53
c) 5
d) None of these

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81. In the following series: 7, 10, 8, 11, 9, 12, ... what number should come next?
a) 7
b) 10
c) 12
d) 13

82. In the following series: F2, __, D8, C16, B32, ... What number should fill the blank?
a) A16
b) G4
c) E4
d) E

83. In this question, statements are followed by certain conclusions. Identify which of the conclusions directly follow the statement and choose the answer accordingly.

Statements:
- Some water are air.
- Some air are solid.
- All solid are yellow.

Conclusion:
I. Some air are yellow.
II. Everything that is yellow is solid.

a) I follows but not II
b) II follows but not I
c) Both follow
d) Neither follows

84. Pick the odd one out:
a) Hendecagon
b) Hexagon
c) Heptagon
d) Pentagon

85. What is the next term of the following series?
GLMS, IKNP, KJOM, _____
a) MKPK
b) MIPK
c) MIPJ
d) NIPK

86. Which choice mentions the last letter of the word rearranged from the following jumbled spelling: WSRDO
a) D
b) G
c) R
d) L

87. In a certain code, '256' means 'you are good'; '637' means 'we are bad' and '358' 'good and bad'. Which of the following represents 'and' in that code?
a). 2
b) 5
c) 8
d) 3

Direction for Questions (88 to 91)

Refer to the following four statements and answer the questions that follow.
I. a is older than b and taller than c
II. d is younger than e, older than c, and shorter than f
III. g is older than h, younger than c, shorter than h, and taller than f
IV. h is older than a and shorter than c

88. Which of the following is the youngest?
a) a
b) b
c) c
d) e

89. Which of the following is the tallest?
a) a
b) h
c) d
d) c

90. Which of the following is true?
a) a is the second oldest and is the third tallest.
b) d is the oldest and tallest
c) c is younger than d and taller than h
d) g is older than e and shorter than a

91. Which statement about the group is not correct?
a) d is the shortest of the group
b) f is the third oldest of the group
c) c is the second tallest of the group
d) a is the tallest of the group

Direction for Questions (92 to 97):

Study the data below and answer the questions.

I. There is a group of five persons – a, b, c, d, and e.
II. In the group, there is a Professor of Philosophy, a Professor of Psychology and a Professor of Economics.
III. a and d are ladies who have no specialization in any subject and are unmarried.
IV. No lady is a philosopher or an economist.
V. There is a married couple in the group of which e is the husband.
VI. b is the brother of c and is neither a psychologist nor an economist.

92. Who is the Professor of Philosophy?
a) b
b) c
c) d
d) e

93. Who is the wife of e?
a) a
b) b
c) c
d) d

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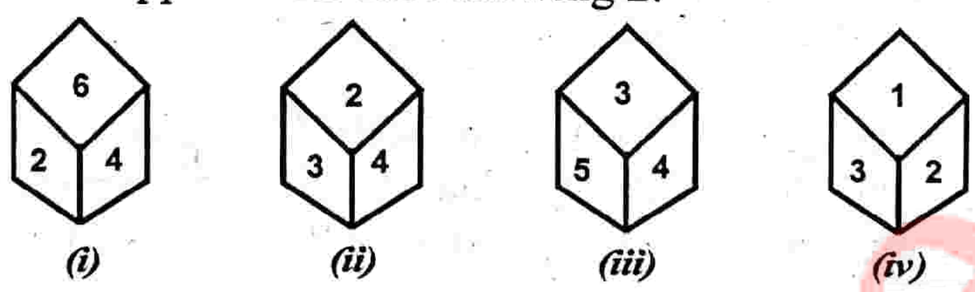
94. Which one of the following groups includes all men?
a) abc
b) bcd
c) bc
d) be

95. How many of them are ladies?
a) 1
b) 2
c) 3
d) 4

96. What is the specialization of the married lady?
a) Philosophy
b) Psychology
c) Economics
d) None of these

97. What is the specialization of e?
a) Philosophy
b) Psychology
c) Economics
d) None of these

98. A dice is thrown four times and its four different positions are shown below. Find the number on the face opposite the face showing 2.



a) 3
b) 4
c) 5
d) 6

99. Introducing a girl, Samir said, "Her mother is the only daughter of my mother-in-law". How is Samir related to the girl?
a) Uncle
b) Husband
c) Brother
d) Father

100. Complete the series
A, H, O, _____?
a) R
b) S
c) V
d) T

Current Events

101. Who won Wimbelon Men's Single Championship in July 2023?
a) D. Medvedev
b) N. Djokovic
c) J. Sinner
d) Carlos Alcaraz

102. Who won French Open Women's Single Crown 2023?
a) Iga Swiatek
b) Karolina Muchova
c) Aryana Sabalenka
d) Beatriz Haddad Mala

103. Who is President of people's Republic of China?
a) Wang Yi
b) Jiang Jemin
c) Xi Jinping
d) HV Jinjao

104. Which teams are clashing in Final of Duleep Trophy in July 2023?
a) West Zone and South Zone
b) North Zone and South Zone
c) West Zone and Central Zone
d) Central Zone and East Zone

105. A group of private mercenaries organized as "Wagner" raised revolt in Russia and captured a few defense posts in late June 2023. Who was their leader?
a) Nikolay Protasov
b) Yevgeny Prigozhin
c) Victor Pokrovsky
d) Pavel Potemkin

106. "Victory City" was published in February 2023. Who is its author?
a) Jhumpa Lahiri
b) Amitabh Ghosh
c) Salman Rushdie
d) Arvind Adiga

107. Which country was recently admitted as Member of SCO?
a) Afghanistan
b) Mongolia
c) Iran
d) Belarus

108. Which two person have the highest and second highest following at Twitter respectively
a) Elon Musk and Barak Obama
b) Donald Trump and Joe Biden
c) Narendra Modi and Rishi Sunak
d) None of the above

109. Who is the present Chairperson of National Green Tribunal?
a) Justice Sheo Kumar Singh
b) Justice Adarsh Kumar Goel
c) Justice Lokeshwar Singh
d) Justice Swatanter Kumar

110. In which country is first overseas campus of IIT (Madras) is likely to be set UP?
a) Singapore
b) Tanzania
c) Nigeria
d) South Korea

Before eyan

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Amin-2022 20.08.2023

MRGN-2022

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **C**

Question Booklet Series No: 272415

Time Allowed: 1 Hour 30 Minutes **Total Questions:** 100 **Maximum Marks:** 100

There shall be negative marking @ **0.25 marks** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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c) 460
d) 360

78. If calls from Tuesday to Saturday for both Binod and Chandra increased by 20% and average number of queries resolved by them on Saturday is 45 more than that of Tuesday. Then, the difference between the call received by Chandra on Saturday and on Tuesday is:

a) 260
b) 175
c) 300
d) 240

79. What is the ratio of calls received by Akshay, Binod and Chandra on Saturday, If the number of queries resolved by them is in the ratio 3:4:2?

a) 12:33:19
b) 10:35:12
c) 14:32:11
d) 15:32:10

80. If query resolved by Chandra on Tuesday is 60% of the query resolved by her on Saturday. Query resolved by Akshay on Saturday is equal to the sum of the query resolved by Chandra on both days. Then, call received by Akshay on Saturday is more than that of Chandra on Tuesday by what percent?

a) 100%
b) 200%
c) 250%
d) 300%

Logical Reasoning

Direction for Questions 81 to 82:
Five Typists – Ipsita, Jyoti, Kavita, Latika and Malati type at different speeds. Ipsita types faster than Latika but slower than Jyoti. Malati types slower than Latika, but is not the slowest. The one who types second fastest, types at the speed of 75 words per minute. The one who types the second slowest, types at the speed of 50 words per minute.

81. How many persons type slower than Ipsita?

a) one
b) two
c) three
d) four

82. Which of the following statements is true?

a) Jyoti is the fastest Typist
b) Kavita types faster than Latika
c) No statement is true
d) Ipsita types at the rate of 50 words/minute

Direction for questions 83 to 87:
There are seven lecturers A, B, C, D, E, F and G and they are teaching seven different subjects Physics, Economics, Geography, Biology, Chemistry, Maths and History. Their annual salary is divided into three salary slabs, 3-5 lakh, 6-8 lakh & 10-13 lakh. Their Salaries in Lakhs are in whole numbers only and no two persons have same salary. There are three person only in the salary slab of 10-13 lakhs. F earns 12 lakh. B and G earn lower than F's salary in the same salary slab. D earns more than only one person who teaches Economics. The person who teaches Chemistry earns more than the one who teaches Geography and their total annual income is 15 lakh per annum in the same slab. There are two persons only in the salary slab of 3-5 lakhs. The person who teaches History earns lower than F and higher than the one who teaches Biology in the same slab. F does not teach Physics. The total annual income of G & A and B &E are 17 lakh and 19 lakh respectively. The difference between the annual income of D and C is 2 lakh.

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83. As per the given arrangement, F is related to Biology and G is related to Geography in a certain way. To which of the following is A related to the same way?

a) Maths
b) History
c) Physics
d) Economics

84. What is the difference between the annual income of the one who teaches Biology and the one who teaches Physics.

a) 4 lakh
b) 6 lakh
c) 5 lakh
d) 3 lakh

85. Which combination represents the annual income of a person and the subject he teaches?

a) 7- Chemistry
b) 3-Economics
c) 10-History
d) 11-Biology

86. Who among the following earns double of D's annual income?

a) E
b) G
c) C
d) A

87. Who among the following teaches Physics?

a) D
b) G
c) A
d) B

88.Look at the series, 46, 44, 40, 38, 34, which number should come next?

a) 30
b) 36
c) 32
d) 31

89.In the series RQP, ONM, _____, IHG, FED, find the missing letters.

a) CDE
b) LKI
c) LKJ
d) BAC

90. A thermometer is to temperature as a compass is to

a) Pressure
b) Humidity
c) Direction
d) Needle

91.Pointing to a photograph, a man said, "I have no brother, and that man's father is my father's son." Whose photograph was it?

a) His son
b) His own
c) His father
d) His nephew

92.Arrange the following words in a meaningful sequence.

1.Arrest
2.Punishment
3.Prison
4.Crime
5.Judgment

a) 4, 1, 5, 2, 3
b) 4, 1, 5, 3, 2
c) 4, 5, 2, 1, 3
d) 4, 5, 2, 3, 1

93.Mukesh walks 6 km toward the South and then walks 3 km to his left. Finally, he turns to his right and walks 6 km. In which direction is he from the starting point?

a) South
b) South-West
c) South-East
d) West

eExam Before

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94.If in a certain language, NOIDA is coded as OPJEB, how is DELHI coded in that language?

a) CDKGH
b) EFMIJ
c) FGNJK
d) IHLED

95.You have to select one word that is the necessary part of the underlined word. **Shoe**

a) Leather
b) Sole
c) Laces
d) Socks

96.Read the following statements:

I. Pooja is older than Mukesh.
II. Suresh is older than Pooja.
III. Mukesh is older than Suresh.

If the first two statements are true, then the third statement is:

a) False
b) True
c) Uncertain
d) None of these

97.A college's science department wants to appoint a new chairperson, based on seniority. Mr. Verma has less seniority than Mr. Tomar, but more than Mrs. Bakshi. Mr. Rawat has more seniority than Mr. Verma, but less than Mr. Tomar. Mr. Tomar doesn't want the job. Who will be the new science department chairperson?

a) Mr. Rawat
b) Mr. Tomar
c) Mr. Verma
d) Mrs. Bakshi

98. In Arun's opinion, his weight is greater than 65 kg but less than 72 kg. His brother doesn't agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Arun?

a) 67 kg
b) 68 kg
c) 69 kg
d) Data inadequate

99. A, B, C, D, E, and F are sitting in a row. E and F are in the center. A and B are at the ends. C is sitting to the left of A. Who is to the right of B?

a) D
b) C
c) A
d) F

100.In a family, there are husband-wife, two sons and two daughters. All the ladies went to a invited dinner. Both sons went out to play. Husband did not return from the office. Who was at home?

a) Only wife was at home
b) Nobody was at home
c) Only sons were at home
d) All ladies were at home

BEfore exam

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8 CHSL-2023 17.12.2023 30

CGLA-2022

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **B**

Question Booklet Series No: 190018

Time Allowed: 2 Hours **Total Questions:** 150 **Maximum Marks:** 150

There shall be negative marking @ **0.25 marks** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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a) Gold
b) Silver
c) Bronze
d) No medal

90. Which Indian comedian recently won International Emmy for comedy?

a) Vir Das
b) Biswa Kalyan Rath
c) Kunal Kamra
d) Varun Grover

91. Who is the Prime Minister of Israel?

a) Benjamin Netanyahu
b) Ehud Olmert
c) Ariel Saron
d) Naftali Bennett

92. Who was recently elected the President of Maldives?

a) Mohamed Muizzu
b) Ibrahim Mohamed Salih
c) Abdulla Yameen
d) Mohamed Nasheed

93. "Mujib : The Making of a Nation", was by joint Indo- Bangladesh Film Production, which was released in October-2023. Who directed this film?

a) Shyam Benegal
b) Christophar Nolan
c) Vidhu Vinod Chopra
d) Richard Attenborough

94. Which film won best Odia film award in 69th National Film Awards?

a) Pratikshya
b) Daman
c) Bandini
d) Kanyadana

95. Which film won best Hindi film award in 69th National Film Awards ?

a) Pathan
b) Sardar Udham
c) The Kerala Story
d) Ghoomer

Logical Reasoning

(Directions for Qs 96-100)

Study the following information carefully and answer the questions given below.

P, Q, R, S, T, V and **W** are seven students of a school. Each of them studies in different standard from Standard IV to Standard X, not necessarily in the same order. Each of them has one favourite subject from English, Science, History, Geography, Mathematics, Hindi and Sanskrit, not necessarily in the same order.

Q studies in VII Standard and does not like either Mathematics or Geography. **R** likes English and does not study either in standard V or IX. **T** studies in VIII standard and likes Hindi. The one who likes Science studies in X standard. **S** studies in IV standard. **W** likes Sanskrit. **P** does not study in X standard. The one who likes Geography studies in V standard.

96. In which standard does W study?

a) VII
b) IX
c) X
d) Data Inadequate

97. Which subject does P like?

a) Geography
b) Mathematics
c) English
d) History

98. Which subject does S like?

a) Geography
b) Mathematics
c) English
d) History

99. In which standard does P study?

a) IV
b) V
c) VI
d) VII

100. Which of the following combination of Student-Standard-Subject is correct?

a) T – VIII - Mathematics
b) W – VII - Sanskrit

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c) Q - VII - Geography
d) V – X – Science

101. Arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.

1. Gargle
2. Garden
3. Garbo
4. Garnish
5. Garland

a) 2, 3, 4, 1,5
b) 3, 2, 1, 5, 4
c) 3, 2, 4, 5, 1
d) 4, 3, 2, 1, 5

102. What will come in place of question mark in the following series?

7, 5, 26, 17, 63, 37, 124, 65, ?, ?

a) 101, 215
b) 101, 101
c) 215, 101
d) 215, 215

103. How is Ravi's mother's husband's mother's only granddaughter related to Ravi?

a) Aunt
b) Sister
c) Daughter
d) Cannot be determined

104. Five newly born babies were weighted by the doctor. In her report, she stated that child A is lighter than child B; child C is lighter than D and child B is lighter than child D, but heavier than child E. Which child is the heaviest?

a) E
b) D
c) C
d) A

105. Vidit is standing facing East. After walking 15 m he turned left and walked 25 m. Then, he turned right and walked 10 m. Again, he turned right and walked 25 m. How far is he from his original position?

a) 15 m
b) 20 m
c) 25 m
d) 30 m

106. The positions of how many digits in the number 351462987 will remain unchanged after the digits are rearranged in ascending order within the number ?

a) None
b) One
c) Two
d) Three

107. If 1st October is a Sunday, then, 1st November will be:

a) Monday
b) Tuesday
c) Wednesday
d) Thursday

108. Let A and B are sisters. C is the brother of A. D is the brother of E. If E is the daughter of B, then who is aunt of D ?

a) E
b) C
c) A
d) B

109. Which of the following expressions will be true, if the expression R > O = A > S < T is definitely true ?

a) O > T
b) S < R
c) T > A
d) S = O

110. Five villages P, Q, R, S and T are situated close to each other. P is to the west of Q; R is to the south of P; T is to the north of Q and S is to the east of T. Then, in which direction is R with respect to S ?

a) North-West
b) South-East
c) South-West
d) Data inadequate

111. What will be the angle between hour hand and minute hand, if clock shows 8:30 PM ?

a) 90^0
b) 75^0
c) 60^0
d) 85^0

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112. The age of the father 4 years ago was eight times the age of his son. At present, the father's age is four times that of his son. Find the present age of son.

a) 9 years
b) 7 years
c) 14 years
d) 18 years

113. Six friends A,B,C,D,E and F are sitting in a row facing towards North. 'C' is sitting between A and E. D is not at the end. B is sitting at immediate right of E. F is not at the right end but D is sitting at third left of E. How many persons are there to the right of D ?

a) One
b) Two
c) Three
d) Four

114. The sum of five consecutive numbers is 190. What is the sum of the largest and the smallest numbers?

a) 75
b) 77
c) 76
d) 73

115. How many odd numbered pages are there in a book of 1089 pages ?

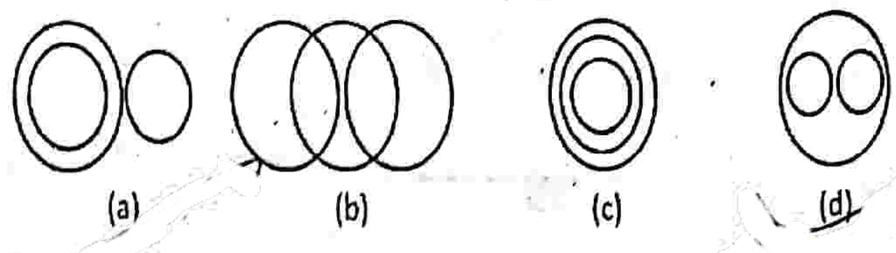
a) 542
b) 545
c) 544
d) 546

116. In a party everyone gave a gift to everyone else. If the total number of gifts exchanged in the party was 600, then how many persons were there in the party ?

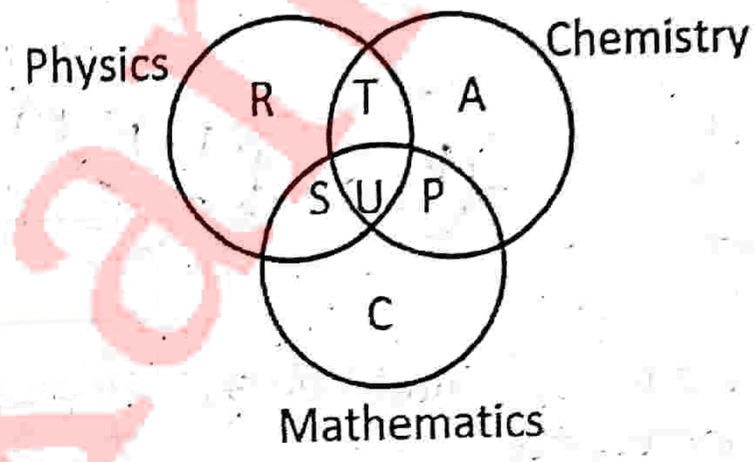
a) 20
b) 15
c) 10
d) 25

117. Identify the diagram that best represents the relationship among classes given below.

Mammal, Dog and Bat.



118. The diagram below represents the students who study Physics, Chemistry and Mathematics. Study the diagram and identify the region which represents students who study both Physics and Chemistry but not Mathematics.



a) T+S+U+P
b) C
c) R+T+A+U+P+S
d) T

119. Select the missing number from the given responses.

8	9	7
4	5	6
2	4	?
64	180	294

a) 6
b) 7
c) 8
d) 9

120. In a row of students, Anil is 7th from the left while Jack is 18th from right. Both of them interchange their positions such that Anil becomes 21st from the left. How many people are there in the row ?

a) 38
b) 39
c) 40
d) 42

121. Find the missing character (?) in the following figure.

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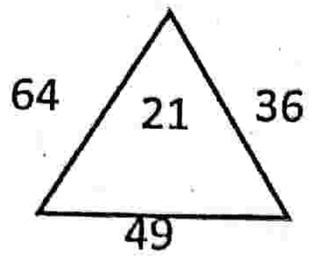
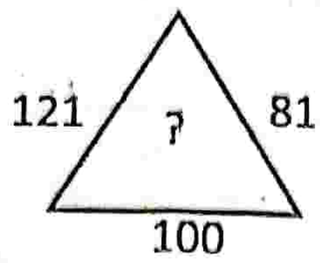




a) 40
b) 30
c) 20
d) 10

122. If the English alphabet is written in backward order, then which letter will be 5th to the left of letter M ?

a) G
b) H
c) S
d) R

123. Arrange the following words in a logical and meaningful order.

1. Frog
2. Eagle
3. Grasshopper
4. Snake
5. Grass

a) 3,4,2,5,1
b) 1,3,5,2,4
c) 5,3,1,4,2
d) 5,3,4,2,1

124. Rearrange the following jumbled letters to make a meaningful word, which is the name of a common eye defect. Which would indicate the last letter of the rearranged word ?

AYIPMO

a) P
b) M
c) A
d) Y

125. A friend of mine came to meet me every Sunday. The first time he came at 12:30, the next time at 1:20, then at 2:30, then at 4:00. If he continues to follow this pattern, when will he turn up next time ?

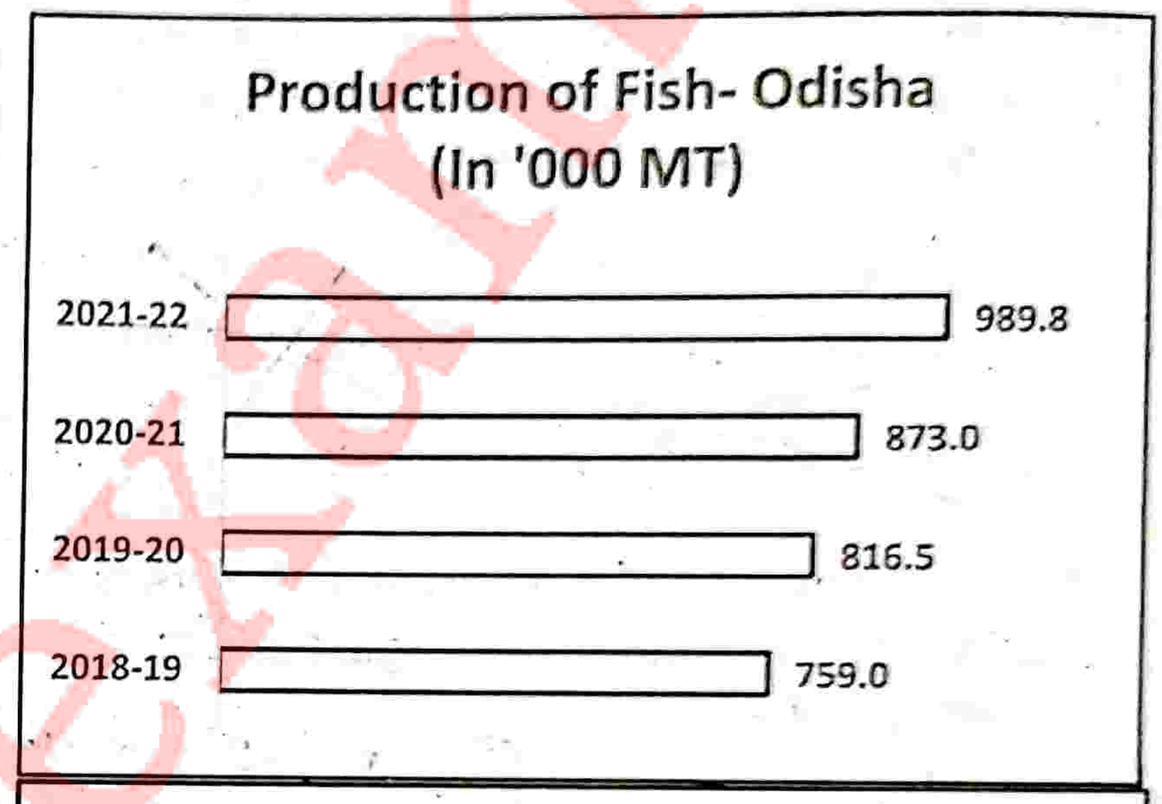
a) 5:20
b) 5:30
c) 6:20
d) 5:50

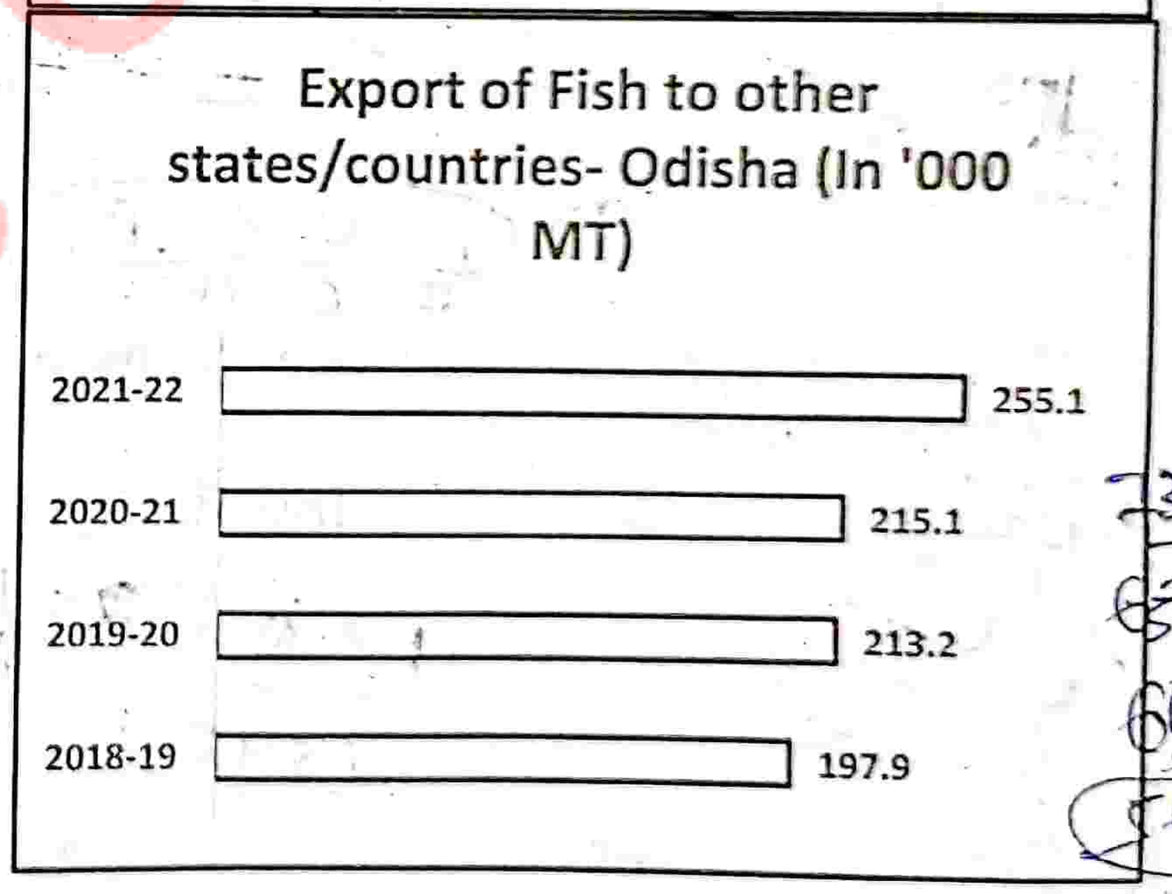
Data Interpretation

Instructions for Questions 126-130:

The Bar Graph below depicts the Fish production and Export figures in Thousand Million Tons for four consecutive years.

It can be assumed that the quantity left after export in a financial year, is totally available for marketing inside state.





126. In which year, the quantity available for marketing inside state is highest?

a) 2018-19
b) 2019-20
c) 2020-21
d) 2021-22

127. In which year, the quantity available for marketing inside state is lowest?

a) 2018-19
b) 2019-20
c) 2020-21

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Junior stenographer 2022

JSTN-2022

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**

Question Booklet Series No: 131333

Time Allowed: 2 Hours **Total Questions:** 150 **Maximum Marks:** 150

There shall be negative marking **@ 0.25 marks** per question for wrong/multiple answers

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49. The number of girls speaking only Hindi is what percent of total number of students speaking only Hindi?
a) 38.2%
b) 71.8%
c) 81.25%
d) 78%

50. What is the ratio of the number of boys to the number of girls speaking both the languages?
a) 23:25
b) 12:25
c) 12:13
d) 25:13

Logical Reasoning

51. Five boys A, B, C, D and E are standing in a row, D is on the right of E. B is on the left of E, but on the right of A, B is on the immediate left of C, who is standing in the middle?
a) B
b) C
c) D
d) E

52. A, B, C and D are playing cards. A and C and B and D are partners. D is to the right of C. The face of C is towards west. Find the direction that D is facing.
a) West
b) East
c) South
d) North

53. If it was Saturday on December 17, 1899, then what will be the day on December 22,1901?
a) Friday
b) Saturday
c) Sunday
d) Monday

54. Which of the following is a leap year?
a) 2800
b) 1800
c) 2600
d) 3000

55. The missing number in the series 40, 120, 60, 180, 90, ?, 135 is:
a) 110
b) 270
c) 105
d) 210

56. If in a certain code language 'MIGHT' is written as 'GHMTI' then how will 'EARTH' is written in that code?
a) RTEHA
b) RTEAM
c) RTAEH
d) RETHA

57. In the given code, SISTER is coded as 535301, UNCLE as 84670 and Boy as 129. How is RUSTIC written in that code?
a) 633185
b) 185336
c) 363815
d) 581363

58. Given that in a code language, '645' means 'day is warm', '43' means 'warm spring' and '638' means 'spring is sunny', which digit represents 'sunny'?
a) 8
b) 2
c) 4
d) 5

59. A girl introduced a boy as the son of the only daughter of the father of her maternal uncle. The boy is related to the girl as:
a) Brother
b) Uncle
c) Nephew
d) Son

60. Ashok started walking towards North. After walking 30m, he turned towards left and walked 40m. He then turned left and walked 30m. He again turned left and walked 50m. How far is he from his original position?

Before exam

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a) 10 m
b) 40 m
c) 30 m
d) 20 m

61. A boat moves from a jetty towards East. After sailing for 9 nautical miles, turns towards right and covers another 12 NM. If the boat wants to go back to the jetty, what is the shortest distance now from her present position?
a) 21 NM
b) 20 NM
c) 18 NM
d) 15 NM

62. Six persons A, B, C, D, E and F are standing in a circle. B is between F and C, A is between E and D, F is to the left of D. who is between A and F?
a) B
b) C
c) D
d) E

63. Replace the question mark (?) in the following series with suitable option.
C-3, E-5, G-7, I-9, ?, ?
a) M-18, K-14
b) K-11, M-13
c) X-24, M-21
d) 0-15, X-24

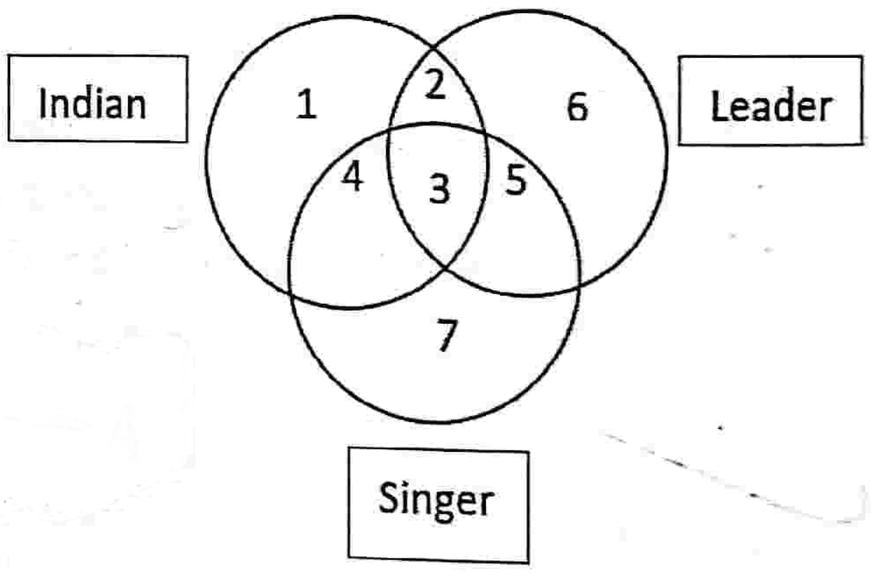
64. Choose the odd word in the group.
a) Peacock
b) Vulture
c) Sparrow
d) Swan

65. A person walks towards his house at 8:00 am and observes his shadow to his right. In which direction he is walking?
a) North
b) South
c) East
d) West

66. If the proposition 'All thieves are poor' is false, which of the following propositions can be claimed certainly to be true?
Propositions:
a) Some thieves are poor
b) Some thieves are not poor
c) No thief is poor
d) No poor person is a thief

67. What will be the angle between hour hand and minute hand, if clock shows 8:30 PM?
a) 90^0
b) 75^0
c) 60^0
d) 85^0

68. In the following figure given numbers indicate Indian, leader and singer. Study the figure carefully. Which region among them denotes Indian leaders who are not singers. Indicate that number.



a) 2
b) 3
c) 4
d) 5

69. If A means '÷ ', B means '- ', C means 'x', then find the value of following equation.
46A2B3C4 =?
a) 34
b) 23
c) 17
d) 11

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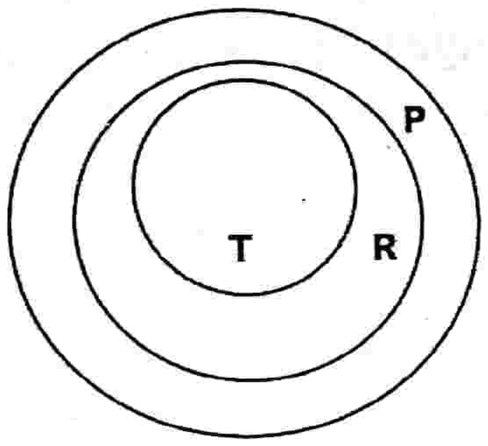
70. Which of the following expressions will be true, if the given expression K ≥ G > H ≤ F is definitely true?
a) F ≥ K
b) H < K
c) F < G
d) K ≥ H

71. Which of the following is correct about the given diagram?



a) All R are T
b) All P are T
c) All T are P
d) All P are R

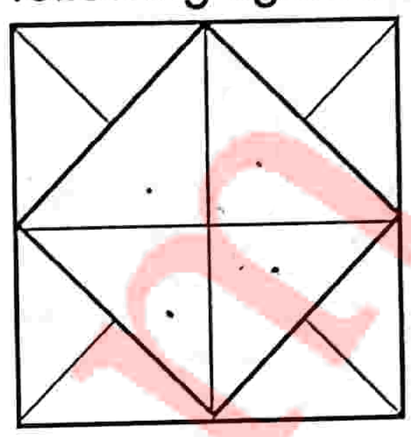
72. Which year will have the same calendar as that of 2012?
a) 2020
b) 2040
c) 2025
d) 2031

73. What was the day of the week on 4th June, 2022?
a) Tuesday
b) Monday
c) Friday
d) Saturday

74. A, B, C, D and E belong to five different cities P, Q, R, S and T (not necessarily in that order). Each one of them comes from a different city. Further it is given that
I. B and C do not belong to Q
II. B and E do not belong to P and R
III. A and C do not belong to R, S and T
IV. D and E do not belong to Q and T

Which one of the following statements is not correct?
a) C belongs to P
b) D belongs to R
c) A belongs to Q
d) B belongs to S

75. How many triangles are there in the following figure?



a) 16
b) 20
c) 12
d) 22

76. One writes all numbers from 50 to 99 without the digits 2 and 7. How many umbers have been written?
a) 32
b) 36
c) 40
d) 38

77. If B=2, BAG=10, then BOX=?
a) 36
b) 39
c) 41
d) 52

78. 12 monkeys can eat 12 bananas in 12 minutes. In how many minutes can 4 monkeys eat 4 bananas?
a) 10 min
b) 4 min
c) 8 min
d 12 min

79. In a post office, stamps of three different denominations of Rs 7, Rs 8 and Rs 10 are available. The exact amount for which one cannot buy stamps is:
a) Rs 19
b) Rs 20
c) Rs 23
d) Rs 29

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80. Five children take part in a tournament. Each one has to play every other one. How many games must they play?

a) 8
b) 10
c) 24
d) 30

Current Affairs

81. What is the name of new law replacing Indian Penal Code?

a) Bharatiya Nagarik Suraksha Sanhita
b) Bharatiya Nyaya Sanhita
c) Bharatiya Sakshya Adhiniyam
d) Bharatiya Danda Sanhita

82. In which country did a powerful earthquake (7.6 cm on Richter scale) erupt in first week of January, 2024?

a) Turkey
b) Japan
c) Indonesia
d) Palestine

83. Who is the Minister for "SC & ST Development, Minorities & Backward classes welfare" in Govt. of Odisha?

a) Shri Jaganath Saraka
b) Shri Sudam Marandi
c) Shri Niranjan Pujari
d) Smt. Usha Devi

84. Which was the closing film of 54th International Film festival of India?

a) About Dry Grasses
b) The Featherweight
c) Catching Dust
d) Barbie

85. Who is the Chief of Army staff of Indian Army?

a) General M.M Narvane
b) General Manoj Pande
c) General Bikram Singh
d) General Dalbir Singh Suhag

86. Who is author of book "KNIFE" (to be published in early 2024)

a) Mr. Sashi Tharoor
b) Mr. Amitabh Ghosh
c) Mr. Salman Rushdie
d) Ms.Arundhati Roy

87. Ustad Rasid Khan died recently. In what field did he achieve his fame?

a) Music
b) Dance
c) Literature
d) Sports

88. Houthis have been carrying out attacks on commercial shipping in Red Sea (December 2023/January 2024). In which country do they control territory?

a) Yemen
b) Oman
c) Lebanon
d) Iran

89. Which among the following countries did not have general election in January 2024 ?

a) Bangladesh
b) Bhutan
c) Taiwan
d) Pakistan

90. During crocodile census in Bhitarkanika in 2023, how many saltwater crocodiles were found?

a) 793
b) 1793
c) 2793
d) 3793

91. Where was COP-28 (Climate change Conference) held?

a) Dubai
b) Azerbaijan
c) Egypt (Sharm-Al- Seikh)
d) VK (Glasgow)

92. Which Court Ruled (in late December-2023) that Donald Trump's name can't be on Ballot?

a) Colorado Supreme Court
b) U.S Supreme Court
c) Maine Trial Court
d) Arizona High Court

93. Who is the new Chief Minister of Mizoram?

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09.06.2024 MV1 STC-2023

10 Do not open the Seal of the Question Booklet until you are asked to 30

Question Booklet Code: **A**

Question Booklet Series No: 104577

Time Allowed: 150 Minutes **Total Questions:** 150 **Maximum Marks:** 150

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you is incomplete or different from what you have given in the application form, you shall be awarded Zero mark.
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5. No Rough work should be done on the OMR Answer Sheet, Space for rough work has been provided in the Question Booklet itself.
6. After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall / room shall make the candidate liable for penal action.
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8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.

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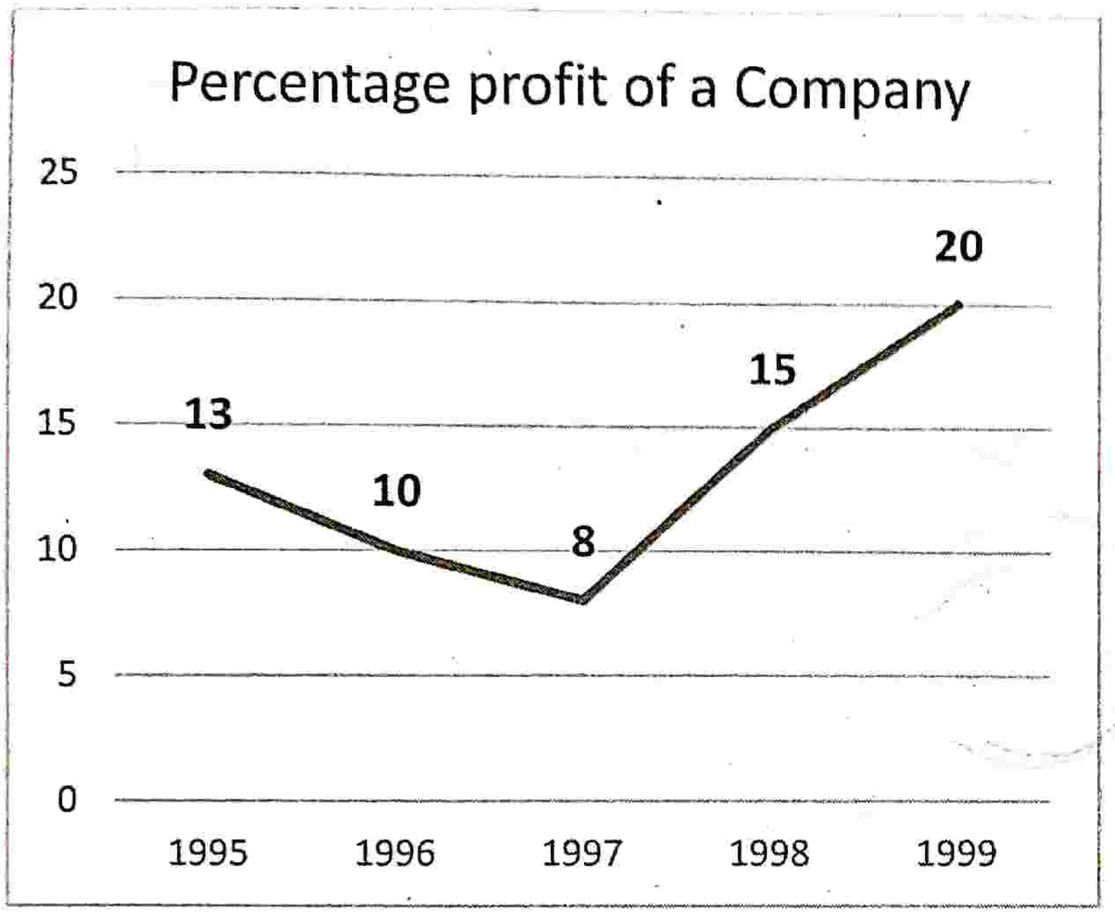
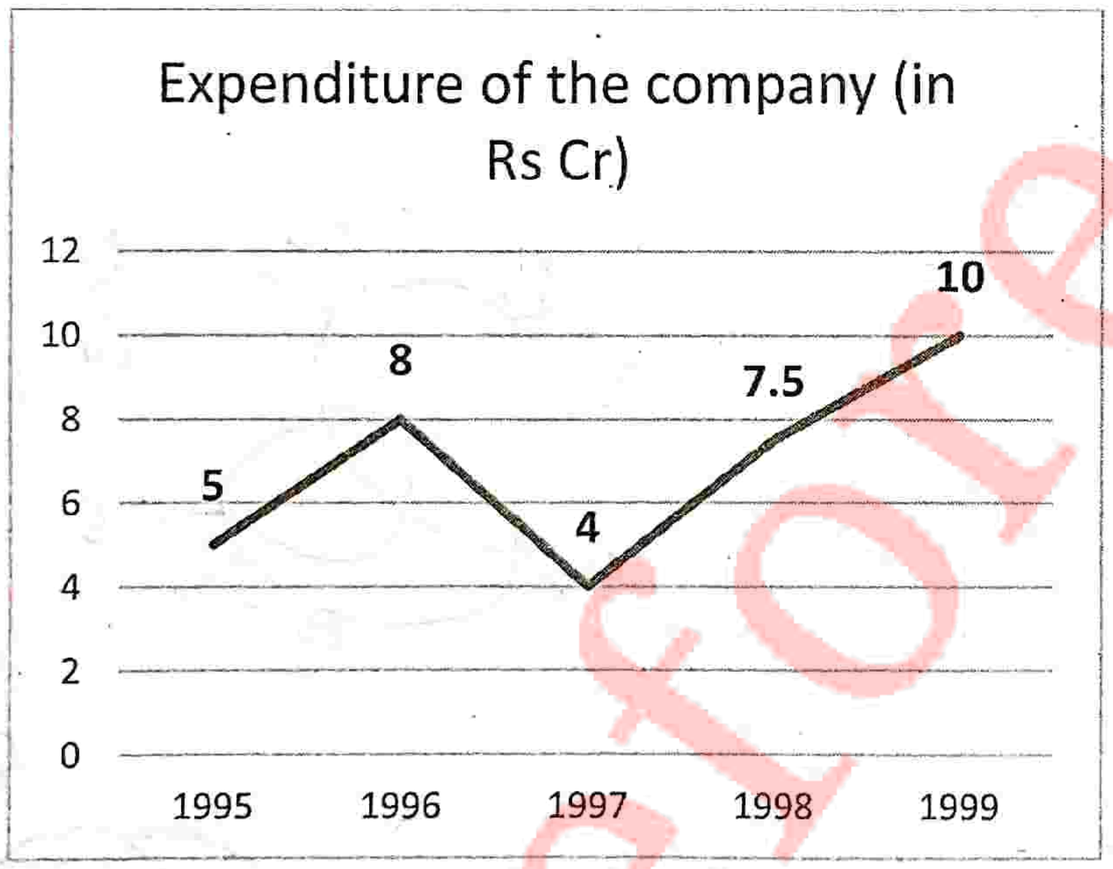
25. What is the percentage increase in births recorded in the year 1989 compared to its previous year?

a) 10
b) 7.5
c) 25
d) 12.5

Directions (Q 26-30) Study the following graph carefully and answer accordingly.





26. What is the ratio between the percentage increase in the percentage profit and the increase in the expenditure from 1995 to 1999?

a) 7:13
b) 13:7
c) 100:103
d) 107:100

27. What was the income (in Rs) of the company in 1996?

a) 8.70 Cr
b) 8.88 Cr
c) 8.80 Cr
d) 9.04 Cr

28. In which of the following years does the company have maximum income?

a) 1995
b) 1996
c) 1997
d) 1999

29. The income of the company in 1999 is what percentage more/less than that in 1996? (approximately)

a) 30%
b) 25%
c) 35%
d) 40%

30. In which of the following years was the ratio between percentage profit and expenditure the minimum?

a) 1995
b) 1996
c) 1997
d) 1998

LOGICAL REASONING

Directions (Q.31-34) Solve the following questions based on the information provided:

I. A, B, C, D, E, F, G and H are eight friends. Three of them play cricket and table tennis each and two of them play football. Each one of them has different height.
II. The tallest does not play football and the shortest does not play cricket.
III. F is taller than A and D but shorter than H and B.
IV. E who does not play cricket, is taller than B and is second to the tallest.
V. G is shorter than D but taller than A.
VI. H, who is fourth from the top in terms of height, plays table tennis with D.
VII. G does not play either cricket or football. B does not play football.

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31. Who is the tallest?

a) B
b) H
c) C
d) Data Inadequate

32. Who is the shortest?

a) G
b) D
c) A
d) Data inadequate

33. Which of the following pair of friends plays football?

a) EA
b) EH
c) HF
d) CE

34. What is F's position from the top when they are arranged in descending order of their height?

a) Fifth
b) Fourth
c) Sixth
d) Second

Directions (Q.35-40) A, B, C, D and E are five different integers. When written in the ascending order of values, the difference between any two adjacent integers is 4. D is the greatest and A the least. B is greater than E but less than C. The sum of all the integers is equal to the value of E.

35. The value of A is:

a) -7
b) -9
c) -5
d) -8

36. The sum of A and B is:

a) -10
b) -15
c) 10
d) 12

37. The greatest number has the value:

a) 9
b) -5
c) 3
d) 7

38. The sum of all the integers is:

a) 25
b) -6
c) -15
d) -5

39. The product of all the integers is:

a) -945
b) 945
c) 315
d) 420

40. What is the difference in value between the highest and the lowest integers?

a) 8
b) 6
c) 16
d) 9

Directions (Q.41-44) Refer to the data below and answer the questions that follow.

In the CBSE Board Exams last year, 53% passed in Biology, 61% passed in English, 60% in Social Studies, 24% in Biology and English, 35% in English and Social Studies, 27% in Biology and Social Studies and 5% in none.

41. Percentage of students who have passed in all the subjects is:

a) Nil
b) 12
c) 7
d) 10

42. If the number of students in the class is 200, how many students passed in only one subject?

a) 48
b) 46
c) More than 50
d) Less than 40

43. If the number of students in the class becomes 300, what will be the percentage change in the number of students passed in only two subjects, if the original number of students was 200?

a) More than 50%
b) Less than 50%
c) 50%
d) 30%

Before exam

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44. What is the ratio of percentage of students passed in Biology and Social Studies but not English in relation to the percentage of students passed in Social Studies and English but not Biology?

a) 5:7
b) 7:5
c) 4:5
d) 2:3

45. Which of the following cannot be a number of the following series.

--------, 64, 125, 216, 343, 512, -----?

a) 8
b) 729
c) 27
d) 999

46. Which letter should be the tenth letter to the left of the ninth letter from the right, if the first half of the alphabets of English are reversed?

a) D
b) E
c) E
d) I

47. 'X+Y' means 'X is the father of Y', 'X-Y' means 'X is the wife of Y', 'X × Y ' means 'X is the brother of Y', 'X ÷ Y ' means 'X is the mother of Y' and 'X=Y' means 'X is the Sister of Y'. On the basis of this information, what does X+Y-Z means?

a) X is the father-in-law of Z
b) Z is the father of X
c) Z is the niece of X
d) X is the brother of Z

48. A is the brother of B and C. D is C's mother. E is A's father. Which of the following statements cannot be definitely true?

a) B is E's son
b) E is B's father
c) D is A's mother
d) A is D's son

49. December 9, 2001 is Sunday. What was the day on December 9, 1971?

a) Thursday
b) Wednesday
c) Saturday
d) Sunday

50. Which four bits can be joined together to form two words that have opposite meanings?

ERT, UCE, DES, END, EXP, EAR, AND, SIP, RED, GOS

1 2 3 4 5 6 7 8 9 10

a) 2, 5, 7, 9
b) 1, 3, 8, 10
c) 1, 5, 8, 10
d) 2, 4, 7, 8

51. In the following series, what numbers should replace the question marks?

-1, 0, 1, 0, 2, 4, 1, 6, 9, 2, 12, 16, ? ? ?

a) 11, 18, 27
b) -1, 0, 3
c) 3, 20, 25
d) Cannot be ascertained.

52. I am facing north. I turn 90^0 in the clockwise direction and then 135^0 in the same direction and then 270^0 in anti-clock wise direction. Which direction am I facing now?

a) Southwest
b) South
c) West
d) Northwest

53. If southeast becomes east and Northwest becomes west and all the other directions are changed in the same direction, then what will be the direction for north?

a) Northwest
b) Southeast
c) Southwest
d) Northeast

Directions (Q. 54 - 55) In the following questions there is a statement followed by two conclusions. You have to choose any one of the given options.

54. Statement: All politicians are honest. Radha Devi is an honest lady.

Conclusions: I. She is a politician.

II. She is not interested in politics.

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a) If only conclusion I follows.

b) If only conclusion II follows.

c) If conclusions I & II both follows.

d) If neither I nor II follows.

55. Statement: If the temperature remains constant the wind speed will be below 100 kmph. Wind speeds were above 100 kmph.

Conclusions: I. Temperature was not constant.

II. Temperature was fluctuating.

a) If only conclusion I follows.

b) If only conclusion II follows.

c) If conclusions I & II both follows.

d) If neither I nor II follows.

Directions (Q. 56-57) A boy is asked to put in a basket one mango when ordered 'One', one orange when ordered 'Two', one apple when ordered 'Three' and is asked to take out from the basket one mango and an orange when ordered 'Four'. A sequence of orders is given as : 1 2 3 3 2 1 4 2 3 1 4 2 2 3 3 1 4 1 1 3 2 3 4

56. How many total oranges were in the basket at the end of the above sequence?

a) 1
b) 4
c) 3
d) 2

57. How many total fruits will be in the basket at the end of the above order sequence?

a) 9
b) 8
c) 11
d) 10

Directions (Q. 58 - 60) If A × B implies A^2+B^2, AYB implies A^2-B^2, AZB implies $(A+B)^2$, AMB implies $(A-B)^2$

58. Calculate the value of (2Z2) M (4Y4).

a) 16
b) 256
c) 25
d) 40

59. If (AMB) = (AZB), then which of the following is true?

a) A-B = 0
b) $A^2 = B^2$
c) A.B = 0
d) A= 0

60. Calculate the value of (373) M (413).

a) 1600
b) 900
c) 400
d) 2500

CTS/MV1-2023

COMPUTER AND INTERNET AWARENESS

61. In MS-WORD, what is the effect of Ctrl + = key?

a) Superscript
b) Subscript
c) All Caps
d) Shadow

62. Which of the following options is used to create a cross-reference in MS Word?

a) Ctrl + K
b) Ctrl + Q
c) Ctrl + Shift + F7
d) Ctrl + Alt + R

63. In MS Word If you want to convert a symbol or several lines of text into an AutoCorrect entry, you should:

a) Insert the symbol or type the text in a Word document first. Then, select the text or symbol and go to the AutoCorrect dialog box.
b) Click the Tools menu and choose AutoCorrect Options. Then, click the Insert menu and choose Symbol (or click the Format menu and choose Paragraph) to add the symbol or paragraph to AutoCorrect.
c) AutoCorrect can only accommodate one line of text. It is not possible to convert a symbol or multiple lines of text into an AutoCorrect entry.
d) Insert the symbol or type the text in a Word document first. Then, select the text or symbol and click the Edit menu followed by Paste

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11 23.06.2024 CPL - 2023 30 BHKL-2023

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **B**

Question Booklet Series No: 217658

Time Allowed: **150 Minutes** Total Questions: **150** Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the cand is found to be in possession of any of the above, he / she shall be expelled from the examir without any enquiry as to whether the same was / were used by the candidate or not.
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SEAL

Before exam

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c) 36 million.
d) 48 million.

68. If the population of males below poverty line for the state Q is 2.4 million and that for the state T is 6 million, then what is the ratio of the total populations of the states Q and T ?

a) 1 : 3
b) 2 : 5
c) 3 : 7
d) 4 : 9

69. If the male population above poverty line for the state P is 12 million, then what is the total population of the state P?

a) 40 million
b) 50 million
c) 60 million
d) 70 million

70. Using the answers obtained from above four questions, calculate the ratio of total population of P to the total population of R?

a) 3:5
b) 5:4
c) 5:6
d) 6:7

LOGICAL REASONING

71. If in a certain code, TREE is written as UQFD, then how is LEAF written in that code?

a) MFBG
b) MDBE
c) KDZE
d) MBZE

72. A man walks 1 km to East, then he turns to South and walks 5 kms. Again, he turns to East and walks 2 kms. After this, he turns to north and walks 9 kms. Now, how far is the man from the starting point ?

a) 3 kms.
b) 4 kms.
c) 5 kms.
d) 7 kms.

73. Using only 2, 5, 10, 25 and 50 paise coins, what will be the minimum number of coins required to pay exactly 78 paise, 69 paise and Rs 1.01 to three different persons?

a) 19
b) 20
c) 17
d) 18

74. A test has 50 questions. A student scores 1 mark for a correct answer, $-\frac{1}{3}$ for a wrong answer and $-\frac{1}{6}$ for not attempting a question. If the net score of a student is 31, and he has not attempted 6 questions, then number of questions answered wrongly by that student is:

a) 6
b) 12
c) 3
d) 9

75. Here are some words translated from an artificial language.

'dionot' means Oak tree
'blyonot' means Oak leaf
'blycrin' means Maple leaf

Which word could mean "Maple Syrup"?

a) blymuth
b) hupponot
c) patricrin
d) wellbly

76. If the word 'EXAMINATION' is coded as 56149512965, then the word 'GOVERNMENT' is coded as:

a) 7645954552
b) 7654694562
c) 7645965426
d) 7654964526

77. A clock strikes once at 1 o' clock, twice at 2 o' clock and so on. If it takes 6 seconds to strike at 3 o' clock, then in an entire day of 24 hours. How much time is spent on striking of the Clock?

a) 5 minutes 12 seconds
b) 4 minutes 6 seconds
c) 3 minutes 20 seconds
d) 5 minutes 32 seconds

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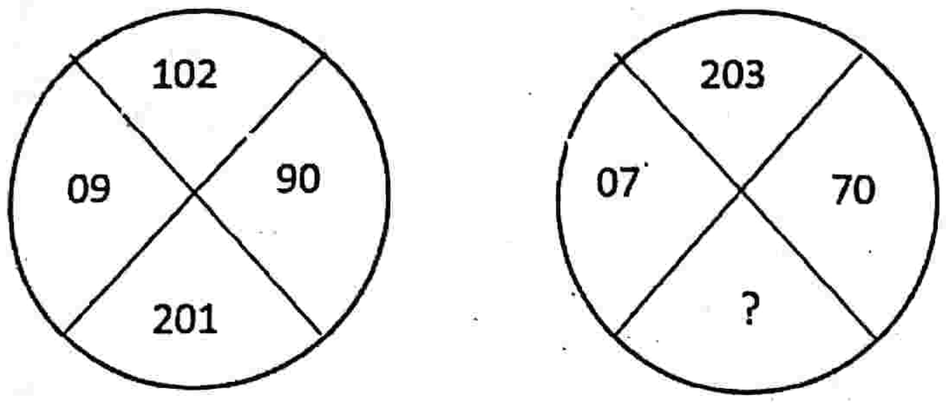
78. There are two similar figures below with some numbers.



The left one is complete whereas one number is missing in the right one. Find a suitable number to fill in the place of the question mark.

a) 280
b) 303
c) 362
d) 382

79. Which number should come next in the series:
46, 44, 40, 38, 34, . . . ?

a) 28
b) 30
c) 32
d) 36

80. The pair PETAL : FLOWER has certain relationship to each other. Select the pair from the options given below with the same relationship.

a) Pen : Paper
b) Engine : Car
c) Cat : Dog
d) Ball : Game

Directions(Q.81-85): Refer to the following data and answer the questions that follow.

A numerical machine accepts two values X and Y. Then it updates these values as
X = XY and Y = Y + 1 in every step.
The machine stops at X > N.

81. For X = 3, Y =2 and N = 100, what is the value of Y when the machine stops?

a) 2
b) 3
c) 4
d) 6

82. In the above question, what is the final value of X when the machine stops?

a) 6
b) 20
c) 72
d) 360

83. In the above question, what is the value of X after Step 1?

a) 4
b) 5
c) 6
d) 20

84. If the value of N is changed to 500, what would be the final value of X?

a) 3160
b) 2500
c) 1560
d) 2160

85. If X = 2, Y = 3 and N=500, what would be the value of X when the value of Y is 7?

a) 300
b) 360
c) 720
d) 860

86. Complete the series:
CKDL, EKFL, GKHL,_____, KKLL
from the options given below.

a) IJKL
b) MNOP
c) MNPQ
d) IKJL

87. The pair PAIN:SEDATIVE has certain relationship to each other. Select the pair which has the same relationship.

a) comfort : stimulant
b) grief : consolation
c) trance : narcotic
d) ache : extraction

88. Pointing to a woman, a man said, "Her father is the only son of my father." How is the man related to the woman ?

a) Brother
b) Grand father

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c) Father
d) Son

89. Arrange the following words in a meaningful sequence.

1. Cow 2. Grass 3. Milk 4. Curd

a) 1, 3, 2, 4
b) 4, 3, 2, 1
c) 3, 4, 1, 2
d) 2, 1, 3, 4

90. A man walks 5 km toward south and then turns to the right. After walking 3 km, he turnsto the left and walks 5 km. Now, in which direction is he from the starting place?

a) South
b) South-West
c) North-East
d) West

91. Pick the odd one out from the given pair of words.

a) Docile : Submissive
b) Stringent : Flexible
c) Steadfast : Irresolute
d) Monotonous : Exciting

92. If "HARYANA" is written as "8197151" in a certain code, then how is "DELHI" written in that code ?

a) 53289
b) 45389
c) 34589
d) 56789

93. Choose the letter pair which is different from others in the group.

a) BD
b) IK
c) PN
d) SU

94. Find the missing letters in the series:
DFH, HJL, LNP,_____, TVX
from the options given below.

a) DTV
b) NRT
c) PRT
d) RQS

95. Rita told Mani "The girl I met yesterday at the beach was the youngest daughter of the brother of my friend's mother." How is the girl related to Rita's friend ?

a) Cousin
b) Daughter
c) Mother
d) Aunt

96, Ram is facing north. He then turns 45° in the clockwise direction and then again turns 180° in the same direction. He then turns 45° in the anti-clockwise direction. Find the direction he is facing now ?

a) East
b) West
c) North
d) South

97. A dice is numbered from 1 to 6 in different ways. If 1 is adjacent to 2, 3 and 5, then which one of the following options is necessarily true ?

a) 1 is adjacent to 4.
b) 2 is adjacent to 5.
c) 1 is adjacent to 6.
d) 4 is adjacent to 6

Directions (Q 98-100) Read the passage given below. and pick out the correct option for the given questions.

Five roommates Ranveer, Salman, Tiger, Upen and Varun each do one housekeeping task: mopping, sweeping, laundry, vacuuming, or dusting one day a week, Monday through Friday.

- Varun does not vacuum and does not do his task on Tuesday.
- Salman does the dusting, and does not do it on Monday or Friday.
- The mopping is done on Thursday.
- Tiger does his task, which is not vacuuming, on Wednesday.
- The laundry is done on Friday, and not by Upen.
- Ranveer does his task on Monday.

98. Which day does Upen do his task ?

a) Friday
b) Thursday
c) Tuesday
d) Monday

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99. What task does Upen do?
a) Mopping
b) Laundry
c) Sweeping
d) Dusting

100. Which day does Salman does his task?
a) Friday
b) Thursday
c) Tuesday
d) Monday

ARITHMETIC

101. What is the value of the following expression:
$[26 + \{42 \times (23 - 20) + 2 - (2 \times (5 \times 80 - 100)) + 16 - 4\}]$?
a) −434
b) 434
c) −443
d) −453

102. What is the number when multiplied by 16 increases by 540 ?
a) 30
b) 36
c) 42
d) 46

103. What is the difference in the place value of 5 in the numeral 754853 ?
a) 45000
b) 49500
c) 49940
d) 49950

104. If two-third of three-fourth of a number is 34, then what is the value of 20% of thatnumber ?
a) 13
b) 13.6
c) 14
d) 14.6

105. If $x = 0.\overline{84181}$ is expressed as a fraction in the lowest terms, then the denominator exceeds the numerator by:
a) 15803
b) 18503
c) 13580
d) 10583

106. The approximate value of $0.4 \times 0.4 + 0.04 \times 0.04 + 0.04$ is:
a) 0.16
b) 0.20
c) 0.38
d) 0.46

107. The population of a town is decreasing at a rate of 10% per annum. If the population 2 years ago was 20, 000, then what is the present population ?
a) 15, 000
b) 15, 200
c) 16, 000
d) 16, 200

108. Anil's salary was Rs.18, 000. An increase of 20% each in two consecutive years is equal to a single increment of what percentage ?
a) 22%
b) 32%
c) 40%
d) 44%

109. A certain amount of money was invested on simple interest at a certain rate for 2 years.If it had been invested at 4% higher rate, then it would have fetched Rs.480 more, then what is the amount of money invested?
a) Rs.6, 500
b) Rs.6, 000
c) Rs.5, 600
d) Rs.5, 300

110. On lending a certain sum of money on compound interest, one gets Rs.9050 in 2 years and Rs.9500 in 3 years. What is the rate of interest (approximately)?
a) 6%
b) 5.5%
c) 5%
d) 4.5%

111. X's and Y 's shares in a business are in the ratio of 5 : 3. If X has invested Rs.70, 000 for 12 months, then for what period of time Y has invested Rs.60, 000 ?
a) 6.4 months
b) 7.4 months
c) 8.4 months
d) 9.4 months

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14.07.2024 ATO - 2024

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SRMN-2023

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **C**

Question Booklet Series No: 108999

Time Allowed: **150 Minutes** Total Questions: **150** Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

1. Fill in the OMR answer sheet, mentioning the Roll No. and other data as required in the place(s) indicated therein. Darken the appropriate circles in blue or black ball point pen only. Do not write any name / surname or put any symbol, sign, slogan, prayer or any mark of identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. Any such act is liable to render the answer sheet unfit for evaluation.
2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you is incomplete or different from what you have given in the application form, you shall be awarded Zero mark.
4. Answer must be given by completely darkening one of the four circles / ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question. For answers not shown by properly darkening in black / blue ball point pen, no marks shall be awarded.
5. No Rough work should be done on the OMR Answer Sheet, Space for rough work has been provided in the Question Booklet itself.
6. After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall / room shall make the candidate liable for penal action.
7. Candidates may take with them the respective question-booklet after the examination is over.
8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.

SEAL

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118. What is the average of percentage of marks obtained by the student in the periodical exams of August-01 and Oct-01 taken together ?

a) 73.25%
b) 75.5%
c) 77%
d) 78.75%

119. What is the average marks (approximately) obtained by the student in all the periodical exams?

a) 373
b) 379
c) 381
d) 385

120. In which periodical exam there is a fall in percentage of marks as compared to the previous periodical exam?

a) June-01
b) Oct-01
c) Feb-02
d) None of the periodical exams.

Logical Reasoning

121. Which one of the following numbers should come next in the following series:

36, 34, 30, 28, 24, . . . ?

a) 20
b) 22
c) 23
d) 26

122. In a row of houses, a house is 7th from left end and 14th from right end. How many houses are there in the row?

a) 18
b) 19
c) 20
d) 21

123. The weights of four boxes are 90,30,20 and 50 kilograms. Which of the following cannot be the total weight, in Kilograms, of any combination of these boxes if in a combination a box can be used only once?

a) 190
b) 170
c) 100
d) 150

124. Amit wants to get his clothes washed. The laundry service charges are such that for the first Kg of clothes, he is charged Rs 150 and after that, he is charged Rs 50 for every Kg that follows. If he gets 10 Kg of clothes washed, how much money does he pay for the laundry service?

a) Rs 250
b) Rs 450
c) Rs 650
d) Rs 600

125. Arrange the given words in the sequence in which they occur in dictionary:

1. Warp 2. Warrior 3. Wary
4. Wash 5. Wallet

a) 51234
b) 54123
c) 12543
d) 34521

126. Choose the correct option to fill the blank in the following series:

ELFA, GLHA, ILJA,_____, MLNA.

a) OLPA
b) KLMA
c) LLMA
d) KLLA

127. Here are some words translated from an artificial language.

(i) *gorblflur* means fan belt.
(ii) *pixngorbl* means ceiling fan.
(iii) *arthtusl* means tile roof.

Which word from options given below could mean **"ceiling tile"** ?

a) gorbltusl
b) flurgorbl
c) arthflur
d) pixnarth

128. Consider the following statements:

1. All chickens are birds.
2. Some chickens are hens.
3. Female birds lay eggs.

If the first three statements are facts, then which of the following statements must also be a fact?

I: All birds lay eggs.
II: Some hens are birds.
III: Some chickens are not hens.

Pick out the correct option.

a) I only.
b) II only.
c) II and III only.
d) None of the statements is a known fact.

129. In the following series

1, 30, 5, 26, 9, 22, 13, 18, ?

Find what number would come in place of the question mark(?).

a) 17
b) 22
c) 28
d) 19

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130. I am facing South-west. I turn 45^0 in the anti-clockwise direction and then 270^0 in the same direction and then again 45^0 in clockwise direction. Which direction am I facing now?

a) NorthEast
b) South
c) West
d) Northwest

131. Priya is the mother of Tarun. Tarun is the brother of Sita, who has no daughter. Sita is the wife of Karan. Karan is the father of Amal. How is Amal related to Priya?

a) Son
b) Grandson
c) Nephew
d) Brother

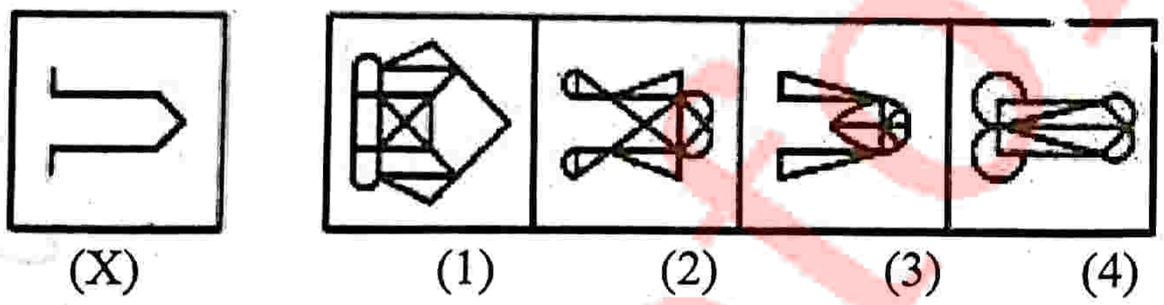
132. Choose the option which closely resembles with the mirror image of the combination given below. Consider the mirror to be placed vertically and to the extreme right of the given combination.

UTZFY6KH

(1) HK9YFZTU (2) UTZFY9KH
(3) HK9YFZTU (4) HK9YFZTU

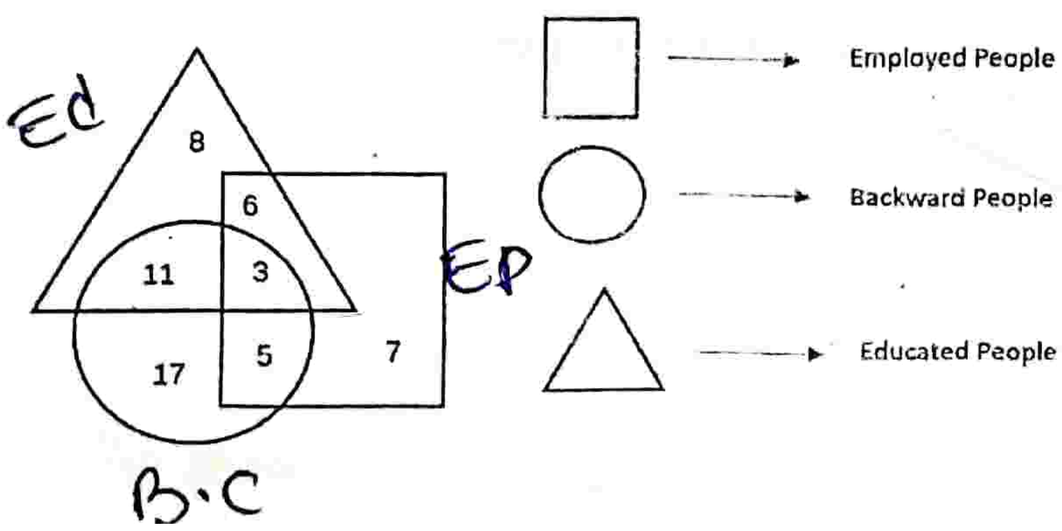
a) (1)
b) (2)
c) (3)
d) (4)

133. Choose a figure from (1), (2), (3) or (4) which contains the figure (*X*) as its part.



a) (1)
b) (2)
c) (3)
d) (4)

Directions (Ques. Nos.134 -136): Study the following diagram and answer the questions given below.



134. How many educated employed people are not backward?

a) 6
b) 8
c) 3
d) 5

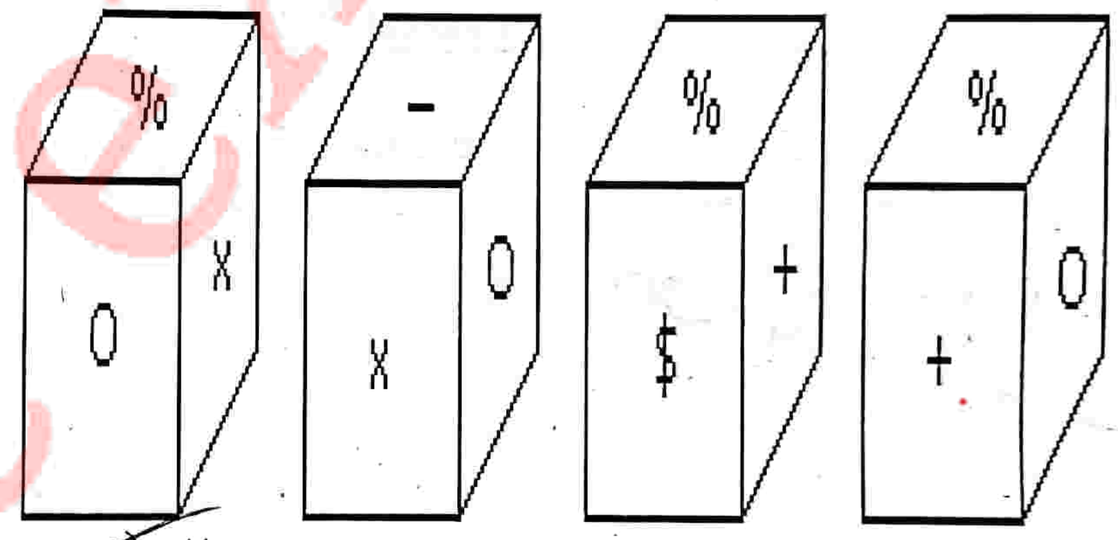
135. How many backward uneducated people are employed?

a) 14
b) 11
c) 7
d) 5

136. How many backward people are educated but not employed?

a) 17
b) 7
c) 11
d) 8

137. Four positions of a cube are shown below. Which sign will be opposite to the sign "+" in the given cube?



a) ×
b) –
c) %
d) $

138. All the opposite faces of a big cube are coloured with red, black and green colours.After that, it is cut into 64 small equal cubes. How many small cubes are there, where one face is green and other one is either black or red ?

a) 8
b) 16
c) 24
d) 28

139. What number should come next in the following series:

2, 6, 18, 54, ?

a) 108
b) 148
c) 162
d) 216

140. Fill in the blank at the end of the series from the options given below.

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JAK, KBL, LCM, MDN, _____

a) OEP
b) NEO
c) MEN
d) PFQ

141. What is the angle between the minute hand and the hour hand of a clock at 5:30 PM ?

a) 5°
b) 15°
c) 25°
d) 35°

142. Which of the following analogies is incorrect ?

a) Algophobia : phobia of pain
b) Bibliophobia : phobia of books
c) Hematophobia : fear of water
d) Pharmacophobia : phobia of medication

143. If the following words are translated by an artificial language, then which word could mean **"race car"**?.

(i) *moolokarn* means blue sky.
(ii) *wilkospadi* means bicycle race.
(iii) *moolowilko* means blue bicycle.

a) *wilkozwet*
b) *spadiwilko*
c) *moolobreil*
d) *spadivolo*

144. Find the missing number in the table from the options given below.

4	8	20
9	3	15
6	6	?

a) 16
b) 18
c) 20
d) 26

145. Given below is an analogy based on coding-decoding. Fill in the blank based on the given coding:

CHAIRS : EJCKTU :: PARROT :_____.

a) RCTTQV
b) RCXXRT
c) QCTTRV
d) GHKKXY

146. Pointing towards Kapil, Aditya said "His father is the husband of my father's father's daughter." How is Aditya's father related to Kapil's mother ?

a) Father
b) Husband
c) Cousin
d) Son

147. If the symbols followed by consonants interchange their positions with the respective consonants within the group, then which element is third from the right end ?

B @ C 7 N R % 5 $ G 6 K M & 4 S # P U 5

a) U
b) #
c) P
d) 5

148. Find the number which will come in the place of the question mark(?) in the given series:

4, 18, ?, 100, 180, 294, 448.

a) 86
b) 62
c) 48
d) 38

149. Consider the following instructions:

(i) $P + Q$ indicates P is the brother of Q,
(ii) $P - Q$ indicates P is the sister of Q and
(iii) $P \times Q$ indicates P is the father of Q.

Which one of the following options means that R is the son of M ?

a) $M - N \times C + F$
b) $F - R + N \times M$
c) $N + M - F \times R$
d) $M \times N - R + F$

150. Kaustuv, Janardan, and Nandi are 3 brothers. If the following statements are all true, which of them is the youngest?

- Kaustuv is the oldest.
- Nandi is not the oldest.
- Janardan is not the youngest.

a) Janardan
b) Kaustuv
c) Nandi
d) Both Janardan and Nandi

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21.07.2024

CHSL - 2024

30

DSM-2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**

Question Booklet Series No: 181921

Time Allowed: **120 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calcula document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, of electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candic is found to be in possession of any of the above, he / she shall be expelled from the examina without any enquiry as to whether the same was / were used by the candidate or not.
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SEAL

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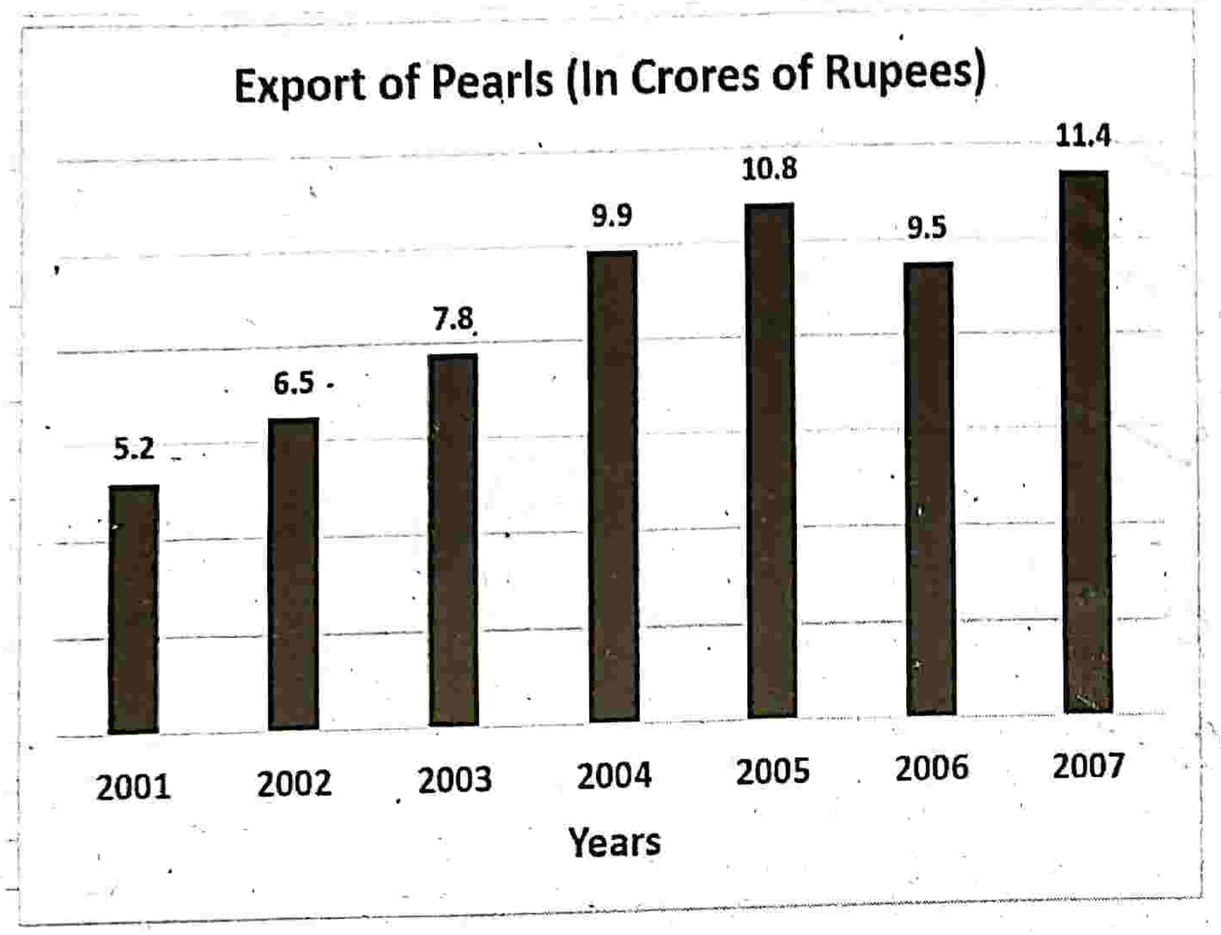
c) 345
d) 233

Directions (Ques. Nos. 56-60): On the basis of the data given in the bar-graph, answer the questions given below.



56. In how many years was the export above average for the given period ?
a) 4 years.
b) 3 years.
c) 6 years.
d) 2 years.

57. What was the percentage increase in export from 2006 to 2007 ?
a) $16\frac{2}{3}\%$
b) 19 %
c) 20 %
d) $33\frac{1}{3}\%$

58. What was the average export of pearls for the given period (in Rs.crores) ?
a) Rs.7.73 crores.
b) Rs.8.73 crores.
c) Rs.8.85 crores.
d) Rs.9.73 crores.

59. In which of the following pairs of years was the average export of pearls around Rs.9 crores ?
a) 2005 and 2006
b) 2004 and 2005
c) 2003 and 2004
d) 2002 and 2003

60. What is the ratio of export of pearls in 2004 to that in 2005?
a) 9:11
b) 11:12
c) 11:13
d) 12:17

Logical Reasoning

61. The cost of 5 pens and 12 pencils is Rs.45. What would be the cost of 20 pens and 48 pencils?
a) Rs.180
b) Rs.210
c) Rs.135
d) Rs.235

62. If the minute hand of a clock points towards the South at 12:00AM, then in which direction will the minute hand point at 3:00AM in the same clock?
a) North
b) South
c) East
d) West

63. Select the number that can replace the question mark (?) in the following series:

45, 63, 101, 160, 241, ?

a) 305
b) 345
c) 319
d) 398

64. A book has 300 pages and each page has 20 lines of 10 words each. How many words are there in the book altogether?
a) 6000
b) 60000
c) 66000
d) 600000

65. Fill the blank in **P21 : J28 :: G19**_____ from the options given below.
a) H17
b) A26
c) K21
d) N16

Directions(Ques No.s 66-70) In each of the following questions select the related number from the given alternatives.

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66. **8 : 256 :: ?**

a) 7 : 343
b) 9 : 243
c) 10 : 500
d) 5 : 75

67. **21 : 3 :: 574 : ?**

a) 23
b) 82
c) 97
d) 113

68. **121 : 12 :: 25 : ?**

a) 1
b) 2
c) 6
d) 7

69. **AEI : OUA :: IEA : ?**

a) AOU
b) AUO
c) EOU
d) EUO

70. **MAN : PDQ :: WAN : ?**

a) YDQ
b) ZDQ
c) NAW
d) YQD

Directions(Ques No.s 71-75) Read the following information carefully and answer the questions based on it.

A family consists of 6 members A,B,C,D,E,F. There are two married couples. B is a doctor and the father of E. F is the grandfather of C and is a contractor. D is the grandmother of E and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family.

71. What is the profession of A?

a) Doctor
b) Contractor
c) Nurse
d) Housewife

72. Who is the husband of A?

a) F
b) D
c) B
d) E

73. How is A related to C?

a) Father
b) Sister
c) Brother
d) Mother

74. How is B related to F?

a) Daughter
b) Grandson
c) Son
d) Wife

75. Which of the following pairs is one of the married couples?

a) BE
b) EC
c) FE
d) FD

76. In a family, mother's age is twice that of daughter's age. Father is 10 years older than mother. Brother is 20 years younger than his mother and 5 years older than his sister. What is the age of the father?

a) 62 years
b) 60 years
c) 58 years
d) 55 years

77. A man is engaged for planting trees for 10 hours. He plants 10 trees in an hour. He takes rest for 30 minutes after every hour. How many trees does he plant in 10 hours?

a) 100
b) 50
c) 70
d) 45

Directions(Ques No. 78-80) In the following questions a word is followed by four other words, one of which cannot be formed by using the letters of the given word. Find this word.

78. **STANDARDIZATION:**

a) RADIATION
b) RADIO
c) STANDING
d) DISTANT

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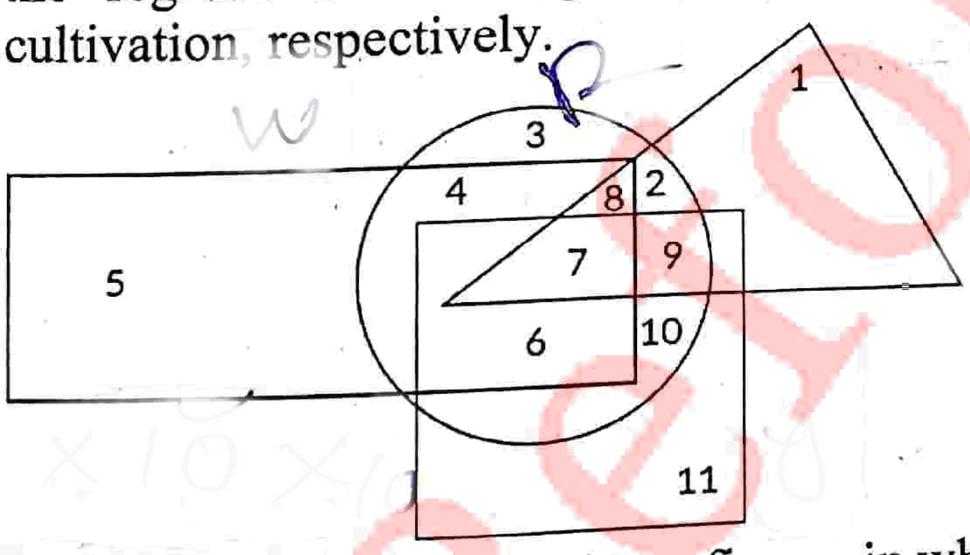
79. **DEPARTMENT:**
a) PART
b) TREAT
c) MATURE
d) TAME

80. **HISTORICAL:**
a) RICHES
b) CHARIOT
c) CHART
d) CHAOS

81. In a row of girls, Kamla is 9th from the left and Veena is 16th from the right. If they interchange their positions, Kamla becomes 25th from the left. How many girls are there in the row?
a) 34
b) 36
c) 40
d) 41

82. Pointing to a photograph, Dinesh said "His father is the only son of my mother". The photograph belongs to:
a) Dinesh's son
b) Dinesh
c) Dinesh's brother
d) Dinesh's father

Directions(Ques.No.83-85) In the figure, rectangle, square, circle, and triangle represent the regions of wheat, gram, maize, and rice cultivation respectively.



83. On the basis of the above figure, in which area are all the four crops cultivated ?
a) 2
b) 7
c) 8
d) 9

84. In which area Gram, Rice and Maize are cultivated but not Wheat?
a) 7
b) 8
c) 10
d) 9

85. In Which of the following areas more than one crops are cultivated?
a) 3
b) 11
c) 5
d) 6

86. Some words are translated from an artificial language as follows.
(i) "agnoscrenia" means poisonous spider.
(ii) "delanocrenia" means poisonous snake.
(iii) "agnosdeery" means brown spider.
Which word from the options given below could mean **"black poisonous spider"** ?
a) deeryclostagnos
b) agnosdelano
c) agnosvitriblunin
d) creniamuttiagnos

87. Find the missing character in the table from the options given below.

4C	2B	3A
28A	?	45B
7C	5A	15B

a) 7C
b) 13A
c) 10C
d) 15A

88. Find the missing term in the sequence from the following options:
U32, V29,____, X23, Y20
a) W17
b) Z26
c) W26
d) Z17

89. If in a certain code, **FIRE** is coded as **DGPC**, then what is last letter of the coded word for **SHOT** ?
a) Q
b) R
c) S
d) P

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90. Consider the following statements and conclusions.

Statements:

(a) Some parrots are owls.
(b) All owls are pigeons.
(c) All pigeons are snakes.

Conclusions:

I. Some parrots are pigeons.
II. Some pigeons are parrots.
III. All owls are snakes.

Choose the correct option.

a) Only I, III follow.
b) Only II, III follow.
c) Only I, II follow.
d) All I, II, III follow.

Computer and Internet Awareness

91. Which of the following data types in Access can store images, videos, or other binary data?

a) Text
b) Memo
c) Hyperlink
d) OLE Object

92. In Access, what does the term "Normalization" refer to?

a) Organizing data into tables to reduce redundancy and dependency.
b) Arranging data in alphabetical order.
c) Securing the database from unauthorized access.
d) Creating backup copies of the database.

93. Which operation in Access allows you to define relationships between tables?

a) Append
b) Join
c) Link
d) Relationship

94. Which email feature allows you to mark certain senders as safe so that their emails are not filtered into the spam folder?

a) Junk Filter
b) Safe Sender List
c) Spam Guard
d) Email Filter

95. What does the acronym "MIME" stand for in the context of email?

a) Mail Internet Message Encoding
b) Multimedia Internet Mail Extensions
c) Message Internet Mail Exchange
d) Mail Interchange Message Encoding

96. Which email security feature encrypts the content of an email message to protect it from being read by unauthorized parties?

a) Digital Signature
b) Spam Filter
c) Encryption
d) Virus Scanner

97. Which email protocol is considered more suitable for users who need to access their emails from multiple devices and maintain synchronization?

a) SMTP
b) POP3
c) IMAP
d) HTTPS

98. What is the purpose of an "Out of Office" autoresponder in email?

a) To automatically forward incoming emails to another address.
b) To automatically reply to incoming emails with a predefined message when the recipient is away.
c) To encrypt outgoing emails for enhanced security.
d) To automatically delete incoming spam emails.

99. Which email feature allows you to recall or retract an email message that has already been sent?

a) Email Revoke
b) Recall Message
c) Message Retraction
d) Email Recall

100. Which email protocol is used for retrieving emails from a mail server to a local client and typically downloads messages to the client device?

a) SMTP
b) IMAP
c) POP3
d) HTTP

101. Which of the following keyboard shortcuts in MS-Word is used to insert a non-breaking space?

a) Ctrl + Space
b) Ctrl + Shift + Space
c) Ctrl + Alt + Space
d) Alt + Space

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14

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GL Special

35

LMBU-2023

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **B**

Question Booklet Series No: 112158

Time Allowed: **120 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark per question** for wrong/multiple answers

Before answering any question, check the booklet that it contains 16 pages and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculat docupen, slide rules, log tables / electronic watches, smart watch, cell phone, pager, oth electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidat is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you is incomplete or different from what you have given in the application form, you shall be awarded Zero mark.
4. Answer must be given by completely darkening one of the four circles / ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question. For answers not shown by properly darkening in black / blue ball point pen, no marks shall be awarded.
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7. Candidates may take with them the respective question-booklet after the examination is over.
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SEAL

Before exam

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78. What is the average production of rice by machine method for all states?
a) 4.24
b) 4.28
c) 4.32
d) 4.46

79. The production by machine method in Haryana is approximately what percent greater than the production by manual method in Maharashtra?
a) 130%
b) 135%
c) 140%
d) 145%

80. The production of rice in Himachal Pradesh by manual method is approximately how many times the production by machine method in Jharkhand?
a) 1.2
b) 1.5
c) 0.9
d) 1

Directions (Questions 81 to 85): Study the following table to answer the given questions.

Number of students of different classes of a school playing different games

Class / Games	XII	XI	X	IX	VIII	VII	VI
Chess	11	12	5	4	2	2	1
Cricket	38	40	12	17	25	18	20
Basketball	11	9	7	6	0	0	0
Table Tennis	9	9	21	19	11	9	0
Football	40	27	18	19	12	16	14
Carrom	16	15	8	19	12	16	14
Tennis	8	9	11	5	6	0	0
Badminton	47	39	33	21	19	0	0

81. Students of class VIII playing cricket is approximately what percentage of the total students playing cricket?
a) 13%
b) 4%
c) 25%
d) 15%

82. What is the ratio of the students playing Football in class XI to those in Class X?
a) 1:2
b) 2:5
c) 2:3
d) 3:2

83. Which game is the most popular in terms of number of students playing it?
a) Badminton
b) Football
c) Carrom
d) Cricket

84. Approximately what percent of Class X students play Table Tennis out of the total Class X students playing the different given games?
a) 20
b) 21
c) 18
d) 27

85. Which game has ascending number of Students from Class IX to Class XII?
a) Only Basketball
b) Only Badminton
c) Chess and Badminton
d) Basketball and Badminton

LOGICAL REASONING

Directions(Questions 86 to 90):
In each of the following questions select the related number from the given alternatives.

86. **352:30**
296:108
628: ?

a) 306
b) 96
c) 314
d) 36

87. **9:24 :: ?:6**

a) 3
b) 2
c) 1
d) 5

88. **27:9 :: 64 : ?**

a) 8
b) 12
c) 16
d) 20

89. **7:50 :: 11 : ?**

a) 120
b) 121
c) 122
d) 132

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90. **100:121 :: 36 : ?**

a) 64
b) 49
c) 25
d) 16

91. In following question select the related letter from the given alternatives.

PNS : OOT :: DBH : ?

a) PPI
b) BBI
c) CCI
d) DDB

Directions(Questions 92 & 93):
Read the following information carefully and answer the questions based on it.

92. X is the husband of Y . W is the daughter of X . Z is the husband of W . N is the daughter of Z . What is the relationship of N with Y ?

a) Cousin
b) Niece
c) Daughter
d) Granddaughter

93. A is the father of B,but B is not his son.D is the only wife of A.C is son of D.How is D related to B ?

a) Daughter
b) Brother
c) Mother
d) Cannot be determined

94. In the following question you have to identify the correct response from the given premises started according to following symbols:
If "-" stands for division "+" stands for subtraction, "÷" stands for multiplication, "x" stands for addition, then which one of the following equation is correct ?

a) 70 – 2 + 4 ÷ 5 x 6 = 44
b) 70 – 2 + 4 ÷ 5 x 6 = 21
c) 70 – 2 + 4 ÷ 5 x 6 = 341
d) 70 – 2 + 4 ÷ 5 x 6 = 36

95. Rahul travels 10km towards East, then he takes a left turn and travels 3km.He then takes a right turn and travels 5km, he again takes a right turn and travels 8km and finally takes a right turn one more time and travels 3km. How far is he from his starting point and in which direction ?

a) 12km towards South-East
b) 13km towards North-West
c) 12km towards North-West
d) 13km towards South-East

96. Anita walked 20km towards north. Then she turned right and walked 30km. Then she turned right again and travelled 35km . Then she moved left and walked 15km. Finally she turned left and walked 15 km. In which direction was she from the starting point ?

a) North
b) South
c) East
d) West

97. Suresh was born on 4th October 1999. Shashi was born 6 days before Suresh. The Independence Day of the year fell on Sunday. Which day was Shashi born ?

a) Tuesday
b) Wednesday
c) Monday
d) Sunday

98. In the following question ,a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

3,6,12,21,?,48

a) 31
b) 33
c) 34
d) 38

99. If APPRECIATION is coded as 177832419465 , how will you code RECEPTION ?

a) 832378365
b) 832379465
c) 832389465
d) 832397645

100. In the following question a word is followed by four other words, one of which cannot be formed by using the letters of the given word. Find this word.

COMPREHENSION

a) COMPRISE
b) PENSION
c) ONION
d) ROAM

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101. In an examination, Rahul got the 11th rank and he was 47th from the bottom among those who passed. 3 students could not appear for the exam . 1 student failed . What is the total number of students ?

a) 60
b) 62
c) 59
d) 61

102. Five movies F1,F2,F3,F4 and F5(not necessarily in the same order)are displayed from Monday to Friday. Only one movie is displayed on one day. Each movie is displayed only one time. Movie F1 is displayed on Monday. Two movies are displayed between F4 and F5. F2 is displayed just one day after F5. Which movie is displayed on Wednesday ?

a) F2.
b) F3
c) F4
d) F5

103. The age of Ram is double as that of Shyam and half as that of Suresh. If the sum of their ages is 70, what is the age of Ram ?

a) 20
b) 30
c) 40
d) 10

104. An official meeting is attended by 130 department employees . Out of them,66 drink tea, 56 drink coffee and 63 drink juice. 27 can drink either tea or coffee , 25 can drink coffee or juice and 23 can drink juice and tea. 5 employees can drink any of the three. How many drink only tea ?

a) 21
b) 22
c) 18
d) 20

105. If SUPER=79 , SUPREME = 97. Then LABOUR = ?

a) 79
b) 69
c) 89
d) 49

106. In a group of 20 people, 8 read Hindi, 11 read English while 5 of them read none of these two. How many of them read Hindi and English both ?

a) 8
b) 6
c) 4
d) 2

107. In a row, 25 trees are planted at equal distance from each other . The distance between 1st and 25th tree is 30 m. What is the distance between 3rd and 15th tree ?

a) 8m
b) 15m
c) 16m
d) 18m

108. Among four books , Book 1 is twice as heavy as Book 2. Book 3's weight is half of Book 2's weight. Book 4 is 60 grams more as compared to Book 2 but 60 gram less as compared to Book 1. Which book is the heaviest ?

a) Book 1
b) Book 2
c) Book 3
d) Book 4

109. There are fourteen teams playing in a tournament. If every team plays one match with every other team , how many matches will be played in the tournament ?

a) 66
b) 78
c) 91
d) 101

110. Three persons A,B and C have different amount of rupees with them . If A gives Rs.11 to C, A will have equal amount as B has. A and B together have total Rs.245. How many rupees does B have ?

a) Rs. 116
b) Rs. 118
c) Rs. 117
d) Rs. 119

111. In a class of 100 students , every student has passed in one or more of the three subjects, i.e. History , Economics and English . Among all the students, 24 students have passed in English only, 14 students have passed in History only , 11 students have passed in both English and Economics only, and 12 students have passed in both English and History only . A total of 50 students have passed in History . If only 5 students

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have passed in all three subjects , then how many students have passed in Economics only ?

a) 10
b) 20
c) 18
d) 15

112. A private taxi company charges fixed charge along with a per kilometre charge based on the distance covered . For a journey of 24 kms, the charges paid are Rs.368 and for a journey of 32 kms, the charges paid are Rs.464. How much will a person have to pay for travelling a distance of 15km ?

a) Rs.290
b) Rs.260
c) Rs.280
d) Rs. 180

113. In a class of 98 students , all play at least one of three games- snooker , chess and tennis.42 students play snooker,49 play tennis and 43 play chess. The total number of students who play any and only two games is 29. 5 students play all the three games . The number of students who play only snooker and only chess is equal . 11 students play only snooker and tennis. 6 students play only snooker and chess. How many students play only tennis ?

a) 21
b) 23
c) 20
d) 22

Directions(Questions 114 & 115):
Arrange the given words in the sequence in which they occur in the dictionary :

114. 1. Vicinity
2. Victory
3. Vanity
4. Vapour
5. Variety

a) 34512
b) 12345
c) 54231
d) 42315

115. 1. Exception
2. Exceptional
3. Exchanging
4. Exchanged
5. Excess

a) 12543
b) 21453
c) 42531
d) 32154

116. In a certain code language Sue Re Nik means "She is brave", Pi Sor Re Nik means "She is always smiling" and Sor re Zhi means "Is always cheerful". What is the code used for the word "smiling" ?

a) Nik
b) Re
c) Pi
d) Sor

117. There are two statements followed by two conclusions I and II . Assuming the Statements are true, decide which one of the conclusions logically follows , disregarding commonly known facts .

Statements :

a)All poets are intelligent.

b)All singers are intelligent.

Conclusions :

I .All singers are poets.

II. Some intelligent persons are not singers.

a) Only conclusion I follows
b) Only conclusion II follows
c) Either conclusion I or II follows
d) Neither conclusion I or II follows

118. Two statements are given below followed by four alternative inferences. Select the one which is most appropriate .

Statements :
a)All radios sold in that shop are of high standard.

b)Some of Murphy radios are sold in that shop.

Conclusions :
I. All radios of high standard are manufactured by Murphy company.
II. Some of the Murphy radios are of high standard.

III. None of the Murphy radios is of high standard.

IV. Some of the Murphy radios of high standard are sold in that shop.

a) I and II inferences only
b) II and IV inferences only

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c) I and III inferences only
d) I and IV inferences only

119. A boat can travel with a speed of 30km/hr in still water . If the speed of the stream is 6km/hr. find the time taken by the boat to go 108 kms downstream.
a) 2hrs
b) 5hrs
c) 3hrs
d) 4hrs

120. A man is climbing up a wall which is 24 meters high. He climbs 16meters during the day but slips back by 3meters 40centimeters in the evening . How far had the man reached on that day ?
a) 19meters 40centimeters
b) 12.6meters
c) 11.4meter
d) 12meters 40centimeters

CURRENT AFFAIRS

121. Who is the Prime Minister of UK ?
a) Rishi Sunak
b) Keir Starmer
c) Boris Johnson
d) Liz Truss

122. Which coalition won the largest number of seats in French Parliamentary Election recently ?
a) Alliance led by National Rally
b) Alliance of leftist Parties (New Popular Front)
c) Macron's Ensemble alliance
d) None of the above

123.Who was elected the President of Iran recently ?
a) Masoud Pezeshkian
b) Mostafa Pourmohmmadi
c) Mohammad Bagher Ghalibaf
d) Saeed Jalili

124.Who emerged as the Champion in Wimbledon 2024 (men's single's) ?
a) L Musetti
b) N Djokovic
c) C Alcaraz
d) D Medvedev

125. Who emerged as the Champion in Wimbledon 2024 (women's single's) ?
a) D Vekic
b) J Palini
c) E Rybakina
d) B Krejcikova

126.Who won the EURO Cup Football in July 2024 ?
a) Spain
b) France
c) Netherlands
d) England

127. A few fatal road accidents have brought road accidents in focus. How many lives were lost due to road accidents in India in 2022 (latest year for which complete data available) as per Government of India data ?
a) 2,68,491
b) 68,491
c) 1,68,491
d) 368,491

128. Who was the Indian (woman) flag bearer for the opening ceremony of Paris Olympics 2024 ?
a) P.V Sindhu
b) Nikhat Zareen
c) Rajeshwari Kumari
d) Mirabai Chanu

129. Who is the Chief Minister of Jharkhand ?
a) Hemant Soren
b) Champai Soren
c) Raghubar Das
d) Shibu Soren

130. Hezbollah has been launching missile attacks on Israel . Primarily from territory of which country has Hezbollah been Launching such attacks ?
a) Jordon
b) Lebanon
c) Syria
d) Yemen

131. There was a stampede near Hathras leading to death of over 100 persons. In which state is Hathras located ?
a) Madhya Pradesh
b) Uttar Pradesh
c) Himachal Pradesh
d) Andhra Pradesh

132. Which country joined as a member of Shanghai Co-Operation Organization in July 2024 ?
a) Pakistan
b) Mongolia
c) Afghanistan
d) Belarus

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(15) 6.10.2024 Statistical Asssistant

ASAT-2023

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **C**

Question Booklet Series No: **116559**

Time Allowed: **90 Minutes** Total Questions: **100** Maximum Marks: **100**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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SEAL

Before exam

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a) $33\frac{1}{3}$ %
b) 25%
c) 21%
d) 20%

24. In which year was the percentage increase in production, as compared to the previous year, the maximum ?
a) 2002
b) 2001
c) 1997
d) 1996

25. What was the percentage increase in production of fertilizers in 2002 compared to that in 1995 ?
a) 320%
b) 300%
c) 220%
d) 200%

LOGICAL REASONING

26. If P denotes ÷, Q denotes ×, R denotes + and S denotes -, then 18Q12P4R5S6 equals to:
a) 36
b) 53
c) 59
d) 65

27. Raj is standing in the middle of a square field. He starts walking diagonally to North – East. Then he turns right and reaches the far end of the field. Then he turns right and starts walking. In the midway he again turns right and starts walking. In halfway, he turns to his left and reaches a new far end. In what direction is Raj now?
a) South-West
b) North
c) South
d) North-West

28. Ajay ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys did not participate in the competition and five failed in it .How many boys were there in the class ?
a) 44
b) 50
c) 55
d) 58

29. In a row of girls, Rita and Monika occupy the ninth place from the right end and tenth place from the left end, respectively. If they interchange their places, Rita and Monika occupy seventeenth place from the right and eighteenth place from the left, respectively. How many girls are there in the row ?
a) 26
b) 27
c) 28
d) 29

30. Kailash remembers that his brother Deepak's birthday falls after 20th May, but before 28th May. Geeta remembers that Deepak's birthday falls before 22nd May, but after 12th May.On what date Deepak's birthday falls ?
a) 20th May
b) 21st May
c) 22nd May
d) Cannot be determined.

31. The missing number in the series:

196, 169, 144, _____, 100, 81 is:

a) 111
b) 121
c) 131
d) 141

32. Find the related number as expressed in given pair

4 : 44 :: ? : 77

a) 3
b) 5
c) 6
d) 7

33. Find the missing letters in the series:

EQ, FS, HW, KA _____, TL.

a) OF
b) OB
c) AL
d) AM

34. Find the missing letters in the series:

RQP, ONM_____, IHG, FED.

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a) CDE
b) LKI
c) LKJ
d) BAC

35. If 25th December 1990 is a Tuesday, then what day is 25th December, 2020 ?
a) Sunday
b) Friday
c) Wednesday
d) Monday

36. Select the related letter pair from the given options to fill in the question marks in the following:

FMR : ELQ : : ? : ?

a) PEN : QFO
b) ZEN : XCL
c) TGA : SFZ
d) SMP : UOR

37. Deepak, Rahul, Manoj and Kapil are brothers. Who is the heaviest ?

(I) Rahul is heavier than Deepak and Kapil, but lighter than Manoj.
(II) Deepak is lighter than Rahul and Manoj, but heavier than Kapil.

In view of the above statements, choose the correct option.
a) Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
b) Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
c) Either (I) or (II) is sufficient.
d) Data in both the statements together are not sufficient.

38. If TUNE is coded as UUOE, LORD is coded as MOSD, then how is FLAME written in this code ?
a) GMANE
b) FLBMF
c) GMANF
d) BNFLM

39. If HAT is coded as 8120 in certain code, then what is the code for BAN in this code ?
a) 2020
b) 2021
c) 2114
d) 2124

40. If PINK is coded as 1691411, then RED will be coded as:
a) 1963
b) 1854
c) 1853
d) 1954

41. My birthday is on Sunday 21st May. On what day of the week will be Ram's birthday in the same year if Ram was born on 26th October?
a) Saturday
b) Wednesday
c) Sunday
d) Thursday

42. If in a certain language, MADRAS is coded as NBESBT, then which one of the following is the code for BOMBAY coded in that language ?
a) CPNCBX
b) CPNCBZ
c) CPOCBZ
d) CQOCBZ

43. Arrange the following words in a meaningful sequence.

I. Sun II. Rain III. Child IV. Rainbow V. Happy

a) III, II, I, IV, V
b) II, I, IV, III, V
c) II, I, III, IV, V
d) IV, V, I, III, II

44. If 'White' is called 'Yellow', 'Yellow' is called 'Blue', 'Blue' is called 'Red', 'Red' is called 'Black', 'Black' is called 'Violet' and 'Violet' is called 'Green', then what would be the colour of light emitting from bulb ?
a) Blue
b) Red
c) Yellow
d) Black

45. Consider the following statements.
I. P is bigger than Q, but shorter than R.
II. S is smaller than R and bigger than P.
III. Q is greater than S.

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If the statements I and II are true, then statement III will be:

a) True
b) Uncertain
c) False
d) None of the above

ARITHMETIC

46. The sum of two numbers is 55. If the H.C.F. and the L.C.M. of these numbers are 5 and 120, respectively, then the sum of the reciprocals of these two numbers is equal to:

a) $\frac{55}{601}$
b) $\frac{601}{55}$
c) $\frac{120}{11}$
d) $\frac{11}{120}$

47. A number consists of two digits. If the digits interchange places and the new number is added to the original number, then the resulting number will be divisible by:

a) 11
b) 9
c) 5
d) 3

48. The average monthly income of P and Q is Rs. 5,050. The average monthly income Q and R is Rs. 6,250 and the average monthly income of P and R is Rs. 5,200. Then what is the monthly income of P ?

a) Rs.3,500
b) Rs.4,000
c) Rs.4,050
d) Rs.5,000

49. What is the angle between the minute hand and the hour hand of a clock, when the time is 8.30 ?

a) 105^0
b) 80^0
c) 75^0
d) 60^0

50. P fires 5 shots to Q's 3 shots, but P kills a bird only once in 3 shots, while Q kills a bird once in 2 shots. When Q has missed 27 times, then the number of birds killed by P is:

a) 30 birds
b) 60 birds
c) 72 birds
d) 90 birds

51. What is the sum of all odd integers between 2 and 100 which are divisible by 3 ?

a) 768
b) 786
c) 867
d) 876

52. If the edge of a cube is increased by 30%, then what is the percentage of increase in its surface area?

a) 71%
b) 69%
c) 60%
d) 33%

53. How many times does the volume of a sphere increases, if its radius is doubled?

a) 8 times
b) 6 times
c) 4 times
d) 2 times

54. Three partners shared the profit in a business in the ratio 5 : 7 : 8. They had partnered for 14 months, 8 months and 7 months, respectively. What was the ratio of their investments?

a) 5 : 7 : 8
b) 20 : 49 : 64
c) 38 : 28 : 21
d) 14 : 13 : 25

55. P,Q,R can do a piece of work in 20, 30 and 60 days, respectively. In how many days can P do the work, if he is assisted by Q and R on every third day?

a) 12 days
b) 14 days
c) 15 days
d) 17 days

56. 100 oranges are bought at the rate of Rs.350 and sold at the rate of Rs.48 per dozen. The percentage of profit or loss is:

a) $14\frac{2}{7}$% profit
b) $14\frac{2}{7}$% loss
c) 15% profit
d) 15% loss

57. In how many different ways can the letters of the word "DETAIL" be arranged in such a way that the vowels occupy only the odd positions ?

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20.10.2024

CGL - 2024

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CRMN-2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **C**

Question Booklet Series No: 211947

Time Allowed: **150 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calc document, slide rules, log tables / electronic watches, smart watch, cell phone, pager electrical/ electronic devices etc, are not allowed inside the examination hall. In case the car is found to be in possession of any of the above, he / she shall be expelled from the exam without any enquiry as to whether the same was / were used by the candidate or not.
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Logical reasoning

Direction (Q Nos. 1-2): In each of the following questions select the related number from the given alternatives.

1. $\frac{1}{9} : \frac{1}{81} :: \frac{1}{13} :$ _____
   a) $\frac{1}{169}$
   b) $\frac{1}{125}$
   c) $\frac{1}{120}$
   d) $\frac{1}{127}$

2. 20 : 11 :: 102 : _____
   a) 49
   b) 52
   c) 61
   d) 58

3. Select the option that is related to the third number in the same way as the second number is related to the first number.
   16 : 240 :: 6 : _____
   a) 25
   b) 35
   c) 40
   d) 30

Direction (Q Nos. 4-5): In each of the following questions select the related alphabets from the given alternatives.

4. FLRX : EJOT :: CKTY : _____
   a) BIQV
   b) DIPQ
   c) DHQU
   d) BIQU

5. BOMBAY : CNNABX :: _____ : DMMBLY
   a) CNCLBZ
   b) CNLCAZ
   c) CNLCBX
   d) CNLCKZ

6. T is the sister of D. D is married to P. P is the son of M. T is the mother of J. Y is the father of U. Y has only one son and only one daughter. U is the daughter of T. Q is the son of D. If M is the wife of W, then how is Q related to W?
   a) Son-in-law
   b) Son
   c) Grandson
   d) Nephew

7. A man and a woman are sitting in a room. The man's mother-in-law and the woman's mother-in-law are mother and daughter respectively. How is the man related to the woman?
   a) Father
   b) Father-in-law
   c) Grandfather
   d) Brother

8. Six members of a family namely A, B, C, D, E and F are travelling together. B is the son of C but C is not the mother of B. A and C are a married couple. E is the brother of C. D is the daughter of A. F is the brother of B. How many male members are there in the family?
   a) 3
   b) 2
   c) 4
   d) 1

9. Disha said to her friend, "That girl playing with the dog is the younger of the two sisters of the son of my mother's husband." How is the girl playing with the dog related to Disha?
   a) Grand daughter
   b) Mother
   c) Sister
   d) Daughter-in-law

10. A boat moves from a jetty towards East. After sailing for 9 nautical miles, it turns towards right and covers another 12 nautical miles. If it wants to go back to the jetty, what is the shortage distance from its present position?
    a) 21 nautical miles
    b) 20 nautical miles
    c) 18 nautical miles
    d) 15 nautical miles

11. There are 5 girls – Rita, Sabita, Tania, Punam and Anju sitting in a row facing North. Tania is sitting exactly in the middle of the row. Anju is sitting to the immediate right and immediate left of Punam and Tania respectively. Sabita is not sitting at the extreme end. Who is sitting third to the left of Rita?
    a) Punam
    b) Anju
    c) Sabita
    d) Tania

12. A woman while shopping in a mall pushes her trolley 20 meters through an alley which is going East, then she turns to her left and walks 30

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meters, then she turns west and walks another 30 meters, then she turns South and walks 30 meters and then she turns to her right and walks 25 meters. Where is she now with reference to her starting position?

a) 35 meters West
b) 35 meters East
c) 5 meters West
d) 5 meters East

13. Rani travelled 35 km from a point towards South and then turned left and travelled 20 km and finally turned left again and travelled 35 km. In which direction is she from the starting point?

a) East
b) West
c) North
d) South

14. Harry remembers that his father's birthday is between 13th of June and 16th of June, whereas his sister remembers that their father's birthday is between 14th of June and 18th of June. On which day is their father's birthday, which both agree?

a) 14th of June
b) 15th of June
c) 16th of June
d) 17th of June

15. Ramesh was born on 29th February. He celebrated his birthday falling on exactly 29th February 2008 for the fourth time. In which year was he born?

a) 1992
b) 2004
c) 2000
d) 1996

16. Anil is 300 days older than Bikash and Sachin is 50 weeks older than Anil. If Sachin was born on Tuesday, on which day was Bikash born?

a) Monday
b) Thursday
c) Friday
d) Tuesday

17. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LAS, NFW, MKD, OPH, LUS, ?

a) NZH
b) MYX
c) NZW
d) MXW

18. If A = 1, AND = 19, then ANT = _____?

a) 35
b) 33
c) 23
d) 19

19. If B = 2, A = 1, M = 3, R = 5, E = 6, O = 7, then the sum of the letters of which of the following words will give the highest value?

a) BORE
b) ROOM
c) MORE
d) RARE

20. In a certain code language, if 'PICTURE' is coded as 16932021185, then how will 'FUNCTION' be coded in the same language?

a) 6211432091413
b) 6211432081514
c) 6211432091514
d) 6211332091513

21. In a certain code language, 'this is fact' is written as 'cuz duz ruz', 'fact is fictional' is written as 'guz ruz cuz' and 'doubt is clear' is written as 'cuz kuz buz'. How will 'this is fictional' be written in this language?

a) duz guz ruz
b) duz buz cuz
c) kuz guz ruz
d) duz guz cuz

22. In a certain code language, if 'COMFORTS' is written as 'FJPARMWN', then what will be the code for 'HINDWARE' in the same language?

a) KDRYZVUZ
b) LERZAWVA
c) KDQYZVUZ
d) MFSABXWB

23. In a certain code language, "pen" means "paper", "paper" means "yellow", "yellow" means "blanket", "blanket" means "shirt" and "shirt" means "pencil". Where do we write?

a) pen
b) blanket
c) yellow
d) shirt

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24. In a certain code language, 'RESIST' is written as 'OANPOE' and 'DIGENE' is written as 'CEZAJA'. 'JECNAC' is the code of which of the following words in the same language?

a) WINGER
b) GINGER
c) GERMAN
d) WINNER

Directions (Q Nos 25-26) : In the following question a word is followed by four other words, one of which cannot be formed by using the letters of the given word.

25. **RAPPROCHEMENT:**

a) MACHETE
b) APPROCH
c) RAPID
d) TEAM

26. **EXORBITANT:**

a) BITTER
b) EXPORT
c) EXNORA
d) EXTANT

Directions (Q Nos 27-28) : Some statements are given followed by some conclusions. You have to decide which of the given conclusions, if any, follow from the given statements.

27. **Statements:**

I. Some human creatures are angels.
II. All doctors are angels.

Conclusions:

I. Some human creatures are doctors.
II. Some doctors are human creatures.

a) Only conclusion I follows.
b) Only conclusion II follows.
c) Either conclusion I or conclusion II follows.
d) Neither conclusion I or conclusion II follows.

28. **Statements:**

I. All men are bachelors.
II. Some bachelors are teachers.
III. Some spirituals are teachers.

Conclusions:

I. All men are spiritual.
II. Some teachers are spiritual.
III. Some men are spiritual.
IV. All teachers are spiritual.

a) Only conclusion I follows.
b) Only conclusion II follows.
c) Only conclusion III follows.
d) Only conclusion IV follows.

29. Five articles A, K, P, R and T are kept one above another (not necessarily in the same order). Only T is between K and P. P is below K. R is just below P. A is three places below T. Which article is at the bottom?

a) T
b) P
c) R
d) A

30. Five boys, G, K, P, R and T, are sitting around a circular table facing towards the centre (not necessarily in the same order). R is third to the left of K, P and G are the immediate neighbours of K. T is to the immediate left of P. Who is sitting second to the right of P?

a) G
b) K
c) T
d) R

Current events

31. In which country did Supreme Court order shut down of social media Platform 'X' in August 2024?

a) Japan
b) Brazil
c) Argentina
d) Chile

32. Bandar Seri Begawan, which Prime Minister Mr. Narendra Modi visited recently, is capital of which country ?

a) Brunei
b) Indonesia
c) Vietnam
d) Laos

33. Founder and CEO of "Telegram" was arrested in France in last week of August. What is his name?

a) Elon Musk
b) Pavel Durov

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03.11.2024

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GPOE-2023

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**

Question Booklet Series No: **449252**

Time Allowed: **120 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **20 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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SEAL

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Logical reasoning

1. In the following question, select the related number from the given alternatives.

11: 123 :: 12: ?

a) 144
b) 146
c) 148
d) 150

2. Select the option that is related to the third number in the same way as the second number is related to the first number :

18: 323 :: 38: ?

a) 1339
b) 1443
c) 1449
d) 1331

3. A, B, C, D, E, F, G and H are sitting around a circular table facing towards centre. H is on the immediate left of A but is not the neighbour of D or E. F is on the immediate right of B. C is between E and F, G is the neighbour of E. Who is between A and B?

a) D
b) G
c) F
d) H

4. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

INTEX : EINTX : : SMALL : ?

a) ALMLV
b) AJKLM
c) LLAMV
d) ALLMS

5. 'A+B' means 'A is the sister of B'
'A-B' means 'A is the brother of B'
'A x B' means 'A is the mother of B'
'A÷B' means 'A is the father of B'

If V÷S x Q – P ÷T+ R x U, then how is R related to S ?

a) Grandson
b) Daughter
c) Grand- daughter
d) Maternal grandmother

6. Mathew told his friend Shyam, pointing to a photograph, "Her father is the only son of my mother." The photograph is of whom?

a) Mathew's niece
b) Mathew's mother
c) Mathew's daughter
d) Mathew's sister

7. Anita is the sister of Babita and Dharmendar is the bother of Sushma. If Sushma is the sister of Anita, then how is Babita related to Sushma?

a) Brother
b) Information is incomplete
c) Aunt
d) Sister

8. If P denotes '÷',Q denotes 'x', R denotes '+' and S denotes '-' ,then:

16Q12P6R5S4= ?

a) 31
b) 32
c) 33
d) 30

9. In a certain code language, '-' represents 'x', '÷' represents '+', '+' represents '÷' and 'x' represents '-'. Find out the answer to the following question .

15-6+10 x 3÷2= ?

a) 24
b) 9
c) 2
d) 8

10. Raju is Ramu's neighbour and he stays 100 metres away towards southeast. Venu is Raju's neighbour and he stays 100 metres away towards southwest. Kiran is Venu's neighbour and he stays 100 metres away towards northwest. Then where is the position of Kirans's home in relation to Ramu's?

a) South-East
b) South-West
c) North-West
d) North

11. A man walks from a point towards south. He turns right at right angle, then again turns right

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at right angle. In what direction is he walking now?

a) West
b) North
c) South
d) East

12. Ram starts from his house and walks 4 kms North, then 3 kms West, then 8 kms South. How many kilometers away from his home was he?

a) 6 kms
b) 7 kms
c) 5 kms
d) 8 kms

13. P and Q start cycling from the same point. P cycles 18 km North, then turns to her right and cycles 3 km. Q cycles 9 km East, then turns North and cycles 10 km North, then turns left and cycles 6 km. Where is Q now with respect to the position of P ?

a) 8 km South
b) 8 km North
c) 28 km South
d) 28 km North

14. Two lady cyclists A and B start from the same point. A cycle 3.5 km West, then turns to her right and cycles 7 km. B cycles 1 Km East, then turns North and cycles 7km, then turns to her left and cycles 2 km. Where is B with respect to A now?

a) 5.5 km East
b) 2.5 km West
c) 2.5 km East
d) 5.5 km West

15. A is located to the West of B. C is located at North in between A and B. D is exactly to the South of B and also in line with B. In which direction of C is D located?

a) South
b) South-East
c) West
d) South-West

16. The first of April is a Wednesday. What day of the week will it be on the first of May of the same year?

a) Saturday
b) Friday
c) Sunday
d) Monday

17. The bus for Chennai leaves every 30 minutes from a bus depot. The enquiry clerk told a passenger that the bus for Chennai left 10 minutes ago, and the next bus will leave at 10 :30 a.m. What was the time when enquiry clerk told this?

a) 10 : 20 a.m.
b) 10 : 10 a.m.
c) 10 : 00 a.m.
d) 09 : 50 a.m.

Directions (Qs. 18 – 20) : In each of the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

18. **39, 169, 299, ?**

a) 339
b) 429
c) 519
d) 609

19. **156, 506, ? , 1806**

a) 1056
b) 856
c) 1456
d) 1506

20. $\frac{2}{3}, \frac{4}{5}, \frac{6}{7}, \frac{8}{9}, \frac{10}{11}, \frac{12}{13}, ?$

a) $\frac{13}{15}$
b) $\frac{14}{15}$
c) $\frac{13}{14}$
d) $\frac{14}{16}$

21. If each of the letters in the English alphabet is assigned an even numerical value beginning A=2, B=4 and so on , what will be the total value of the letters for the word INDIA?

a) 72
b) 86
c) 74
d) 94

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22. In a certain code language, "TRUMP" is written as "46321" and "GRAIN" is written as "76598" . How is "GRUNT" written in that code language ?
   a) 23684
   b) 23847
   c) 67834
   d) 76384

23. In a certain code language, 'HARVEST' is coded as '22-21-7-24-20-3-10' . How will 'FARMER' be coded as in that language?
   a) 20-7-15-20-3-8
   b) 20-7-14-21-3-8
   c) 19-7-15-19-3-8
   d) 19-7-15-20-3-7

24. If Blue means Pink, Pink means Green, Green means Yellow, Yellow means Red and Red means White , then what is the colour of turmeric?
   a) Red
   b) Green
   c) Pink
   d) Yellow

25. In a certain code language, "sun is hot" is written as "fi lat muk" "milk is sour" is written as "muk ti mu" and "milk makes sour" is written as "ti mu fa".
What is the code for "is" in that code language?
   a) ti
   b) fa
   c) muk
   d) mu.

26. If alphabets are serially numbered (i.e. A = 1, B = 2……Z = 26), one of the answers given below has a meaningful word hidden in it. Identify the answer:
   a) 5, 18, 5, 8, 1, 3, 5
   b) 20, 5, 1, 3, 8, 5 ,18
   c) 5, 1, 3, 5, 20, 8, 18
   d) 18, 5, 3, 8, 1, 5, 20

27. Unscramble the following letters to frame a meaningful word. Then find out the correct numerical position of the letters.

O	T	Y	S	R	H	T
1	2	3	4	5	6	7

   a) 6742153
   b) 6241375
   c) 6452173
   d) 6347125

28. In the following question below are given some statements followed by some Conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the Conclusions and then decide which of the given Conclusions logically follows the given statements.

Statements:
   I. Some beautiful are intelligent .
   II. All intelligent are daughters.

Conclusions:
I.Some intelligent are beautiful.
II.Some daughters are intelligent.
III.Some beautiful are daughters.

   a) Only Conclusions (I) and (II) follow
   b) Only Conclusions (I) and (III) follow
   c) Only Conclusions (II) and (III) follow
   d) All Conclusions follow

29. In the following question below are given some statements followed by some Conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the Conclusions and then decide which of the given Conclusion logically follows the given statements.

Statements:
   I. Some glasses are brown.
   II. All brown are hard.
   III. No hard is iron.

Conclusions:
   I. Some glasses are not iron.
   II. Some brown are glasses.
   III. No glass is iron.

   a) Only Conclusion I and II follow
   b) Only Conclusion II and III follow
   c) Only Conclusion II and III follow
   d) None of the given conclusions follow

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30 Five friends are sitting on a bench. A is to the left of B but on the right of C. D is to the right of B but on the left of E. Who are at the extremes?

a) AB
b) AD
c) BD
d) DE

Arithmetic

31. What approximate value should come in place of the question mark (?) in the following questions?

45% of 1500 +35% of 1700=?% of 3175.

a) 50
b) 45
c) 30
d) 35

32. A person sold a cow at a gain of 15%. Had he bought the cow for 25% less and sold it for Rs.600 less, then he would have made a profit of 32%. What was the cost price of the cow?

a) Rs.3,750
b) Rs.3,250
c) Rs.2,750
d) Rs.2,250

33. What will come in the place of question mark(?) in the following given series?

16 ? 21 30 46 71 107

a) 17
b) 19
c) 21
d) 23

34. What will come in the place of question mark(?) in the following given series?

5, 7 ,18 , 47 , 103, ?

a) 195
b) 210
c) 200
d) 190

35. Walking at $\frac{3}{4}$ th of the normal speed, Rabi is delayed by 16 minutes to reach his office. What is the usual time taken by Ravi to cover the distance from his home to the office?

a) 58 minutes
b) 52 minutes
c) 48 minutes
d) 42 minutes

36. A sum is divided among Rakesh, Suresh and Mohan. If the difference between the shares of Rakesh and Mohan is ₹7000 and between those of Suresh and Mohan is ₹3000 , what was the sum ?

a) ₹30,000
b) ₹13,000
c) ₹10,000
d) Cannot be determined

37. The average weight of 8 persons increases by 1.5kg. If a person weighing 65 Kg is replaced by a new person, what could be the weight of the new person?

a) 76 Kg
b) 77 Kg
c) 76.5 Kg
d) Data inadequate

38. The captain of a cricket team of 11 players is 25 years old and the wicket-keeper is 3 years older. If the age of these two players are replaced by that of another two players, the average age of the cricket team drops by 2 years. Find the average age of these two players.

a) 15 years
b) 15.5 years
c) 17 years
d) 16.5 years

39. The ratio of present age of Sachin to that of Dravid is 3 : 5 and after five years the sum of their age will be 90 years . Find the difference between present age of Sachin & Dravid?

a) 14 years
b) 20 years
c) 18 years
d) 30 years

40. The price of commodity X increases by 40 paise every year, while the price of commodity Y increases by 15 paise every year. If in 1988, the price of commodity X was ₹4.20 and that of Y was ₹6.30, in which year will commodity X cost 40 paise more than commodity Y?

a) 1997
b) 1998

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18

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20

TRAFFIC CONSTABLE

CNTR-2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **B**

Question Booklet Series No: 112514

Time Allowed: **90 Minutes** **Total Questions: 100** **Maximum Marks:100**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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7. Candidates may take with them the respective question-booklet after the examination is over.
8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.

SEAL

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26. Maldives President came to India on a state visit in October, 2024. Name him.
   a) Mohamed Muizzu
   b) Abdulla Yameen
   c) Mohamed Waheed
   d) Ibrahim Mohamed

27. Which state secured the first place in water conservation at 5th National Water awards?
   a) Uttar Pradesh
   b) Odisha
   c) Gujrat
   d) Puduchery

28. Who won the ICC T20 Women's World Cup- 2024 ?
   a) Australia Women
   b) South Africa Women
   c) West Indies Women
   d) New Zealand women

29. Who has been appointed as the new Chief Justice of India in November, 2024 ?
   a) Justice Sanjeev Khanna
   b) Justice B.R. Gavai
   c) Justice Surya Kant
   d) Justice Vikram Nath

30. Indian Railway recently reduced advance reservation period for trains from 120 days to :
   a) 90 days
   b) 100 days
   c) 60 days
   d) 45 days

31. In October, 2024 Odisha Government formed Special Task Force to check distress migration. Who is heading it ?
   a) Dy. CM Smt. Pravati Parida
   b) Dy. CM Sri. K.V. Singh Deo
   c) Panchayati Raj and Drinking Water Minister Sri. Rabi Naik
   d) Chief Secretary Sri. Manoj Ahuja

32. What rank did India get in medals tally of Paris Olympics- 2024?
   a) 41
   b) 51
   c) 61
   d) 71

33. Who is the Cabinet Minister in Union Govt. in charge of Ministry of Chemical and Fertilizers?
   a) Shri Shivraj Singh Chouhan
   b) Shri Manohar Lal
   c) Shri jagat Prakash Nadda
   d) Shri Sarbananda Sonowal

34. Who is the Cabinet Minister of Department of Energy of Odisha Government?
   a) Shri Kanak Vardhan Singh Deo
   b) Smt. Pravati Parida
   c) Shri Suresh Pujari
   d) Shri Rabinarayan Naik

35. Who has been appointed as the Governor of Sikkim in July 2024?
   a) Shri Lakshman Prasad Acharya
   b) Shri Om Prakash Mathur
   c) Shri K.Kailashnathan
   d) Shri Ramen Deka

LOGICAL REASONING

36. Priya is taller than Tiya and shorter than Siya. Riya is shorter than Siya and taller than Priya. Riya is taller than Diya , who is shorter than Tiya .Arrange them in order of desending heights.
   a) Priya- Siya-Riya-Tiya-Diya
   b) Riya- Siya – Priya- Diya -Tiya
   c) Siya- Riya- Priya- Tiya- Diya
   d) Siya- Priya- Riya- Diya-Tiya

Before exam

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37. IF IQS : LNV,Then JRM :?
a) OKS
b) MOP
c) NIP
d) MOQ

38. If the word 'EXAMINATION' is coded as 56149512965, then the word 'GOVERNMENT' is coded as :

a) 7645954552
b) 7654694562
c) 7645965426
d) 7654964526

39. In a certain code language 'ANIMALS' is written as "SLAMINA' . How is 'ONLINE' written in that code?

a) ENILNO
b) OLINEN
c) LNOINE
d) NNLOIE

40. Arrange the words given below in a meaningful sequence.

i. Police
ii. Punishment
iii. Crime
iv. Judge
v. Judgement

a) iii, i, ii, iv, v
b) i, ii, iv, iii, v
c) v, iv, iii, ii, i
d) iii, i, iv, v, ii

41. Shyam is the brother of Aditya. Rosy is the sister of Manoj. Aditya is the son of Rosy. How Shyam is related to Manoj?

a) Brother
b) Nephew
c) Cousin
d) Daughter

42. Marathon is to race, as hibernation is to _____.

a) Winter
b) Bear
c) Dream
d) Sleep

Directions (Q.43 to 45): Read the following information carefully and answer the questions given below.

In a joint family of seven persons L, M, N, O, P, Q and R two are married couples-
'R' is a housewife and her husband is a Lawyer. 'N' is the wife of 'M'. 'L' is an engineer and is the granddaughter of 'R' and 'O' is the father-in-law of 'N', a doctor, and father of 'P', a professor. 'Q' is L's brother and M's son.

43. How is P related to M?
a) Son
b) Brother
c) Daughter
d) Data inadequate

44. How is Q related to O?
a) Grand father
b) Uncle
c) Grand son
d) Data inadequate

45. Who is M's Father?
a) O
b) R
c) N
d) Data inadequate

Directions (Q. 46 to 49): Refer to the data below and answer the questions that follow.

In the CBSE Board Exams last year, 53% passed in Biology,61% passed in English, 60% in Social Studies 24% in Biology and English ,35% in English and Social Studies ,27% in Biology and social studies and 5% in none.

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46. Percentage of passes in all subjects is :
a) Nil
b) 12
c) 7
d) 10

47. If the number of students in the class is 200, how many passed in only one subject?
a) 48
b) 46
c) More than 50
d) Less than 40

48. If the number of students in the class is 300, what will be the % change in the number of passes in only two subjects, if the original number of students is 200?

a) More than 50%
b) Less than 50%
c) 50%
d) None of these

49. What is the ratio of percentage of passes in Biology and Social studies but not English in relation to the percentage of passes in Social Studies and English but not Biology?
a) 5: 7
b) 7: 5
c) 4: 5
d) None of these

Directions (Q.50 to 52): In each of the following questions, a Statement is given followed by two conclusions. Give answer.

50. **Statement:** Ahmedabad has a lower population and hence is a safer place to live.
Conclusions:
I. A city which has less population is a better place to live.
II. Ahmedabad has lower number of crimes than Mumbai

a) If only conclusion I follows.
b) If only conclusion II follows.
c) If both conclusions I and II follows.
d) If neither I nor II follows.

51. **Statement:** All students of my class have a bright chance in their examination.

Conclusions:
I. I teach them the whole syllabus thoroughly.
II. All the students are intelligent

a) If only conclusion I follows.
b) If only conclusion II follows.
c) If both conclusions I and II follows.
d) If neither I nor II follows.

52. **Statement:** All Politicians are honest. Radha Devi is an honest lady.

Conclusions:
I. She is a Politician.
II. She is not interested in politics.

a) If only conclusion I follows.
b) If only conclusion II follows.
c) If both conclusions I and II follows.
d) If neither I nor II follows.

53. With the help of the options given below, find the suitable number which will come in place of the question mark (?) ?

FED x 3 =1629, BCD x 4= 492, BEF x 1 =?
a) 451
b) 145
c) 514
d) 415

54. If 15th of March is Monday, then what day will be 10th October of the same year?
a) Monday
b) Sunday
c) Tuesday
d) Thursday

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55. Which of the following will come in place of the question mark (?) in the following sequence?
16D7, 18G10, 21K14, 25P19, ?
a) 30V20
b) 30V25
c) 30V24
d) 29V25

DATA INTERPRETATION

Directions (Qs. 56 to 60) A survey was conducted among 200 students regarding their favourite sports. Results are summarized in the table below. Answer the following questions.

Sport	Number of Students
Football	80
Basketball	50
Cricket	40
Tennis	20
Badminton	10

56. What percentage of students prefer football?
a) 40
b) 50
c) 60
d) 70

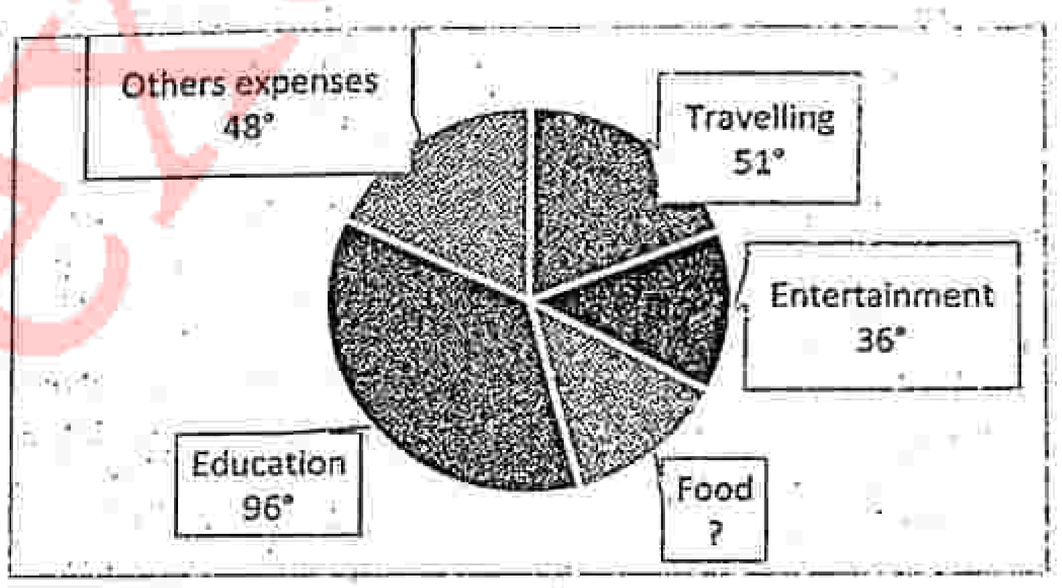
57. What percentage of students don't prefer cricket and badminton?
a) 50
b) 35
c) 90
d) 75

58. If 20 more students prefer Tennis what percentage of students prefer Tennis?
a) 50
b) 25
c) 30
d) 40

59. What fraction of students prefer Basket ball?
a) $\frac{1}{10}$
b) $\frac{1}{4}$
c) $\frac{1}{5}$
d) $\frac{1}{2}$

60. If 10% students whose favourite sport is football, start playing basketball how many students will be there in basketball?
a) 58
b) 42
c) 72
d) 60

Directions (Q.61-65) : Study the following the pie-chart and the table carefully to answer the questions given below.
The following pie-chart shows the distribution of the monthly family budget of a person.



The following table shows the further distribution (in percent) if the above – mentioned items among the five family members, i.e., P (the person himself), W (his wife) ,Rahul (son),Rohit(son), and Preeti (his daughter). The monthly family budget is Rs. 1,20,000 .

	Education	Food	Entertainment	Travelling	Other Expenses
P	10	30	10	40	20
W	15	25	30	10	25
Rahul	40	20	20	25	20
Rohit	25	15	25	10	10
Preeti	10	10	15	15	25

61. What is the average expense of P ?
a) Rs. 5,620
b) Rs. 5,640
c) Rs. 5,460

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19 CTS-2023 civil/mech — 19.01.2025 30

ALNK-2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **C**

Question Booklet Series No: 110963 110964 110965

Time Allowed: **150 Minutes** Total Questions: **150** Maximum Marks: **150**

There shall be negative marking **@ 0.25 mark** per question for wrong/multiple answers
Before answering any question, check the booklet that it contains **24 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

1. Fill in the OMR answer sheet, mentioning your Roll No. and other data as required in the place(s) indicated therein. Darken the appropriate circles in blue or black ball point pen only. Do not write any name / surname or put any symbol, sign, slogan, prayer or any mark of identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. Any such act is liable to render the answer sheet unfit for evaluation.
2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If information so furnished by you is incomplete or different from what you have given in the applica form, you shall be awarded Zero mark.
4. Answer must be given by completely darkening one of the four circles / ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question. For answers not shown by properly darkening in black / blue ball point pen, no marks shall be awarded.
5. No Rough work should be done on the OMR Answer Sheet. Space for rough work has been provided in the Question Booklet itself.
6. After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall / room shall make the candidate liable for penal action.
7. Candidates may take with them the respective question-booklet after the examination is over.
8. Failure to comply with or violation of any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.
9. Each question has four options. The candidate should select best option among the four.

SEAL

Beforeexam

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LOGICAL REASONING

1. What is the next number in the series: 1, 1, 2, 3, 5,8, _____?
   a) 10
   b) 11
   c) 12
   d) 13

2. What are the missing numbers in this series: 15, 20, 24, 15, 28, 32, 15,___,___, 15?
   a) 36, 40
   b) 37, 41
   c) 38, 42
   d) 40, 44

3. Find the missing letters in the series: CKDL, EKFL, GKHL, _____ KKLL.
   a) IJKL
   b) IKJL
   c) MNOP
   d) MNPQ

4. If ACID is written as 1C3D, PAMPER is written as P1MP2R, then how will BOMBAY be written?
   a) B4MB1Y
   b) B3MB1Y
   c) B5MB2Y
   d) B4MB2Y

5. Find the correct option for the blank spaces.

B	6	8	D
J	14	17	M
N	–	–	S

   a) 18, 23
   b) 14, 19
   c) 16, 21
   d) 15, 20

6. Consider the following words translated from an artificial language.
   - moolokarn means blue sky.
   - wilkospadi means bicycle race.
   - moolowilko means blue bicycle.

   Which of the word in the options given below could mean "racecar" ?
   a) wilkozwet
   b) spadiwilko
   c) moolobreil
   d) spadivolo

7. A has two children B and C. B is married to D and they have a daughter E. If F is the brother of D, then how is F related to A ?
   a) Son-in-law
   b) Brother-in-law
   c) Nephew
   d) Cousin

8. If 'air' is called 'green', 'green' is called 'red', 'red' is called 'sea', 'sea' is called 'blue', 'blue' is called 'water' and 'water' is called 'pink', then what is the colour of grass ?
   a) Green
   b) Blue
   c) Pink
   d) Red

9. Arrange the following words in a meaningful sequence.
   1. Selection 2. Probation 3. Appointment
   4. Interview 5. Application 6. Advertisement

   a) 6, 5, 4, 1, 3, 2
   b) 5, 2, 4, 3, 1, 6
   c) 5, 2, 4, 1, 3, 6
   d) 6, 5, 4, 3, 1, 2

10. An accurate clock shows 10 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 6 o'clock in the evening ?
    a) 180°
    b) 190°
    c) 220°
    d) 240°

11. If every second Saturday and all Sundays are holidays in a 30 days month beginning on Saturday, then how many working days are there in that month ?
    a) 24
    b) 23

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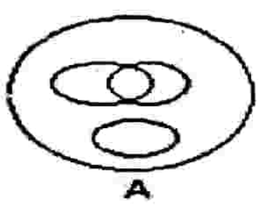
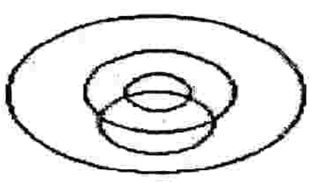
c) 22
d) 20

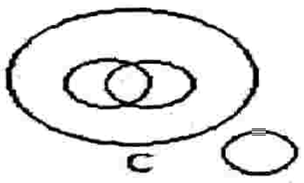
12. A sales executive went to meet his client A in another office 17 km away in the North-east direction of his own office. From there, he went to see client B in an office 15 km in the south of his client A's office. How far from the starting point and in what direction is he now ?

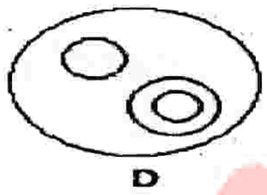
a) 8 km, West
b) 7 km, South
c) 8 km, East
d) 7 km, North

13. In a party, both chicken and fish were served. Some ate only fish and some only chicken. Some people were vegetarians who did not eat either. The rest of the people ate both chickenand fish. Which of the following Venn-diagrams correctly represent this situation ?


A

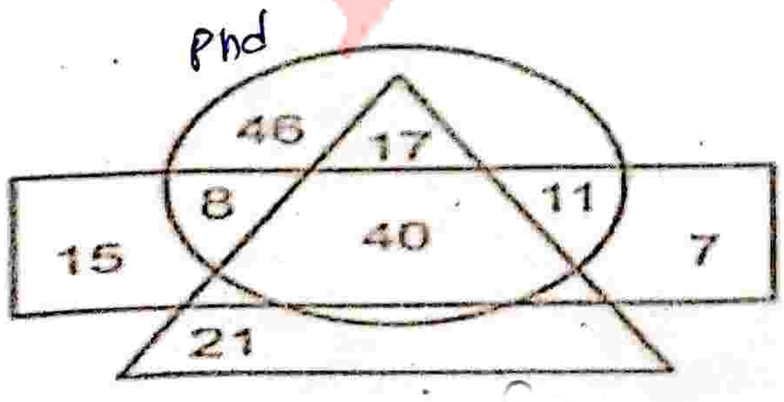

B


C


D

a) D
b) C
c) B
d) A

14. In the given Venn diagram, the circle represents 'Ph.D. students', the triangle represents 'Science students' and the rectangle represents 'Girls'. The numbers given in the shapes represent the number of persons of that particular category. How many girls are Ph.D. students, but are NOT Science students?



a) 11
b) 19
c) 20
d) 27

15. Consider the following assertion followed by a reason.

Assertion(A): Diamond is used for cutting glass.
Reason(R): The refractive index of diamond is high. Pick out correct option.

a) Both A and R are true and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true, but R is false.
d) A is false, but R is true.

16. Consider the question given below followed by two statements. Analyze the data of both thestatements and decide whether the statements are sufficient to answer the question.

Question: When is Deepak's birthday ?

Statement: (I) Deepak's mother was born on 22 May, 1970.

Statement: (II) Deepak is 28 years younger than his father.

a) Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
b) Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
c) Both the statements (I) and (II) are needed.
d) Neither statement (I) nor statement (II) is sufficient.

17. Consider the following statement followed by two assumptions.

Statement: If it is easy to become a doctor, then I don't want to be a doctor.

Assumptions:

(I) A candidate wants to be professional.

(II) One wants to achieve a thing which is hard-earned.

In view of the above, which of the following assumptions is implicit ?

a) Only assumption (I)
b) Only assumption (II)

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c) Both the assumptions (I) and (II)
d) Neither assumption (I) nor assumption (II)

18. Consider the statement given below followed by two courses of action. You have to assume everything in the statement to be true and based on the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.

Statement: People residing in some rural areas do not get fair opportunities of education.

Courses of action:

(I) Government should open more schools in rural areas.

(II) Awareness programme must be conducted in these areas.

Assuming the statement to be true and based on the information given in the statement, choose which of the suggested courses of action logically follow(s) for pursuing.

a) Only (I) follows
b) Only (II) follows
c) Both (I) and (II) follow
d) Neither (I) nor (II) follows.

19. Consider the following passage.

"One of the important humanitarian by-products of technology is the greater dignity and value that it imparts to human labour. In a highly industrialized society, there is no essential difference between Brahmin and Dalit, Muslim and Hindu; they are equally useful and hence equally valuable for in the industrial society. Individual productivity fixes the size of the paycheque and this fixes social status."

The passage best supports the statement that:

a) Technology decides individual's social status.
b) Castes and religions are man-made.
c) All individuals, irrespective of caste and creed, are born equal.
d) Human labour has dignity and value.

20. Consider the following statement followed by two arguments.

Statement: Should India make efforts to harness solar energy to fulfil its energy requirements ?

Arguments:

(I) Yes. Most of the energy sources used at present is exhaustible.

(II) No. Harnessing solar energy requires a lot of capital, which India lacks in.

Select which of the arguments is a 'strong' argument and which is a 'weak' argument.

a) Only argument (I) is strong.
b) Only argument (II) is strong.
c) Neither argument (I) nor argument (II) is strong.
d) Both the arguments (I) and (II) are strong.

21. Consider the given statements followed by the conclusions.

Statement (A): Some lions are bats.
Statement (B): Some bats are cat.

Conclusion (I): All lions are cat.
Conclusion (II): No cat are bats.

Choose the correct answer from the options given below.

a) Only (I) follows.
b) Only (II) follows.
c) Both (I) and (II) follow.
d) Neither (I) nor (II) follows.

22. Choose the correct option which logically follows from the following statement.

Statement: Many offices are located in buildings with multiple floors. If a building has morethan three floors, it has a lift.

a) All floors of buildings with multiple floors may be reached in lifts.
b) Only floors above the third floor have lifts.
c) Seventh floor does not have lifts.
d) All buildings have lifts.

23. There are eight persons P, Q, R, S, T, U, V and W sitting in a row (not necessarily in the same order) and facing east. T is sitting fourth to the right of Q. V is sitting third from theright end of the row. Q is sitting between U and W who is sitting third to the left of T who is sitting at a corner. P is sitting immediate left of U. R is sitting at the left corner of the row.How many people are sitting to the right of W?

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a) 1
b) 2
c) 3
d) 5

24. Consider the following information.

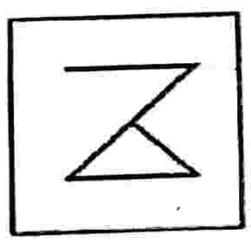
1. M $ N means M is the mother of N.
2. M # N means M is the father of N.
3. M @ N means M is the husband of N.
4. M % N means M is the daughter of N.

Which of the following expressions indicate "R is the sister of H" ?

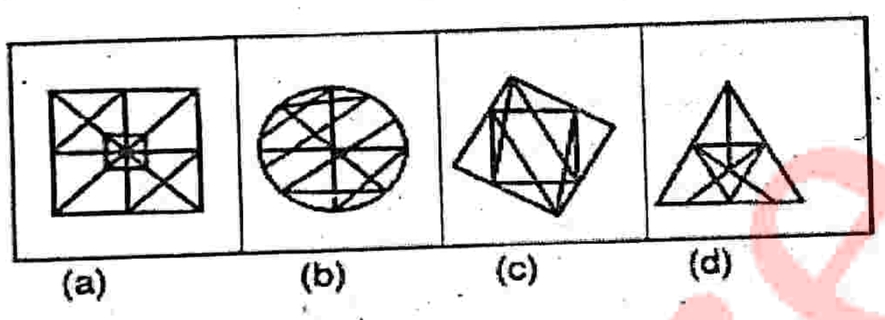
a) R % D @ F $ H
b) H $ D @ F # R
c) R $ D @ F # H
d) R $ F # D % H

25. Choose the correct answer figure in which question figure is embedded.

Question Figure



Answer Figures

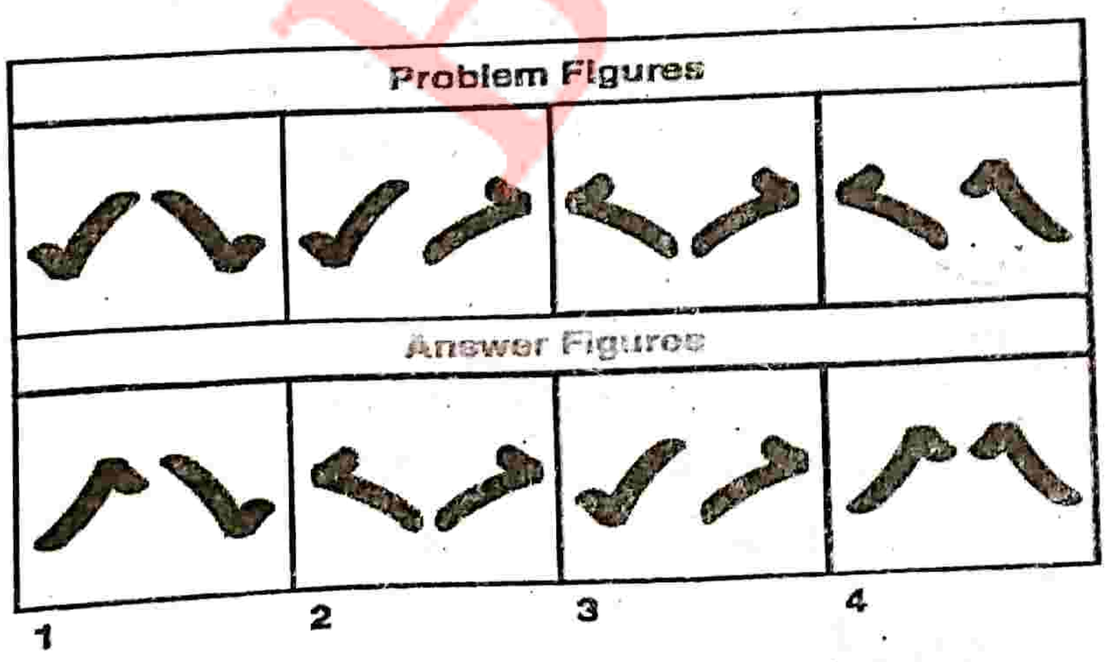


(a) (b) (c) (d)

a) (c)
b) (d)
c) (a)
d) (b)

26. Select a figure from amongst the Answer figures which will continue the same series as established by the problem figures.

Problem Figures



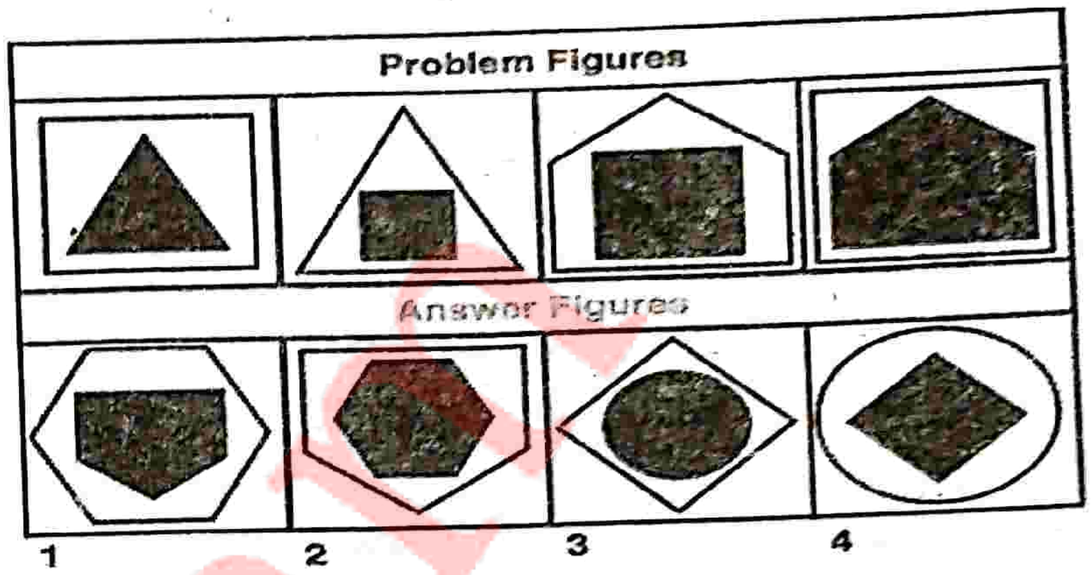
Answer Figures

1 2 3 4

a) 1
b) 2
c) 3
d) 4

27. Find out the correct answer figure that should come next in the sequence of problem figures.

Problem Figures



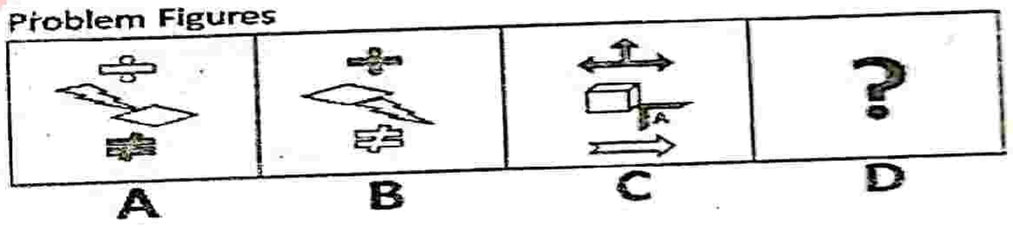
Answer Figures

1 2 3 4

a) 1
b) 2
c) 3
d) 4

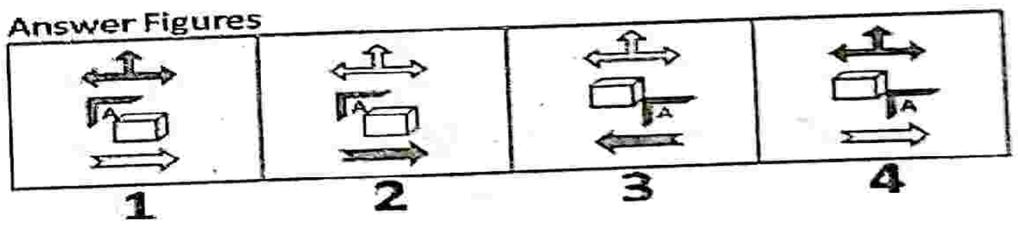
28. Find out missing figure (?) in the problem figures from the given answer figures.

Problem Figures



A B C D

Answer Figures



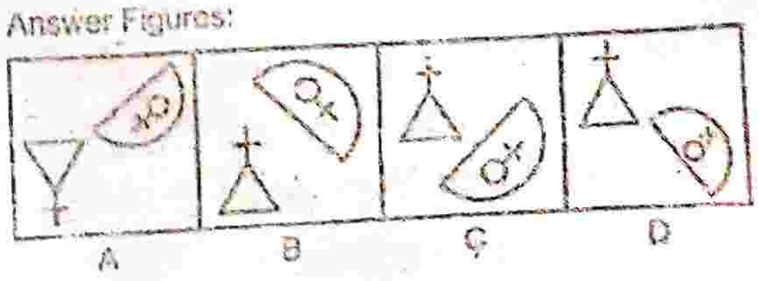
1 2 3 4

a) 1
b) 2
c) 3
d) 4

29. Choose the mirror image of the problem figure from the answer figures, if the mirror is placed to the right of the problem figure.

Problem Figure

Answer Figures:



A B C D

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a) D
b) C
c) A
d) B

30. What is the horizontal mirror image of the word REST?

REST	TSEA	RESL	TSEA
A	B	C	D

a) B
b) C
c) D
d) A

CURRENT AFFAIRS

31. Who is the New Chief Minister of Maharashtra?
a) Shri Devendra Fadanvis
b) Shri Eknath Shinde
c) Shri Ajit Pawar
d) Shri Uddhav Thackeray

32. Chief Minister of Odisha presented supplementary budget for 2024-25 in OLA in November, 2024. How much was the amount involved?
a) Rs.12,156 crore
b) Rs.14,156 crore
c) Rs.6,156 crore
d) Rs.18,156 crore

33. Cyclone Fengal (hit November) primarily affected which States / Countries.
a) Puducherry , Tamilnadu and Srilanka
b) Gujarat and Maharashtra
c) Thailand and Malaysia
d) Vietnam and China

34. World Half Marathon record was broken recently at Valentia Half Marathon. Who is the new record holder ?
a) Daniel Mateiko
b) Isaia K Lasoi
c) Yomif Kejelcha
d) Jacob Kiplimo

35. Zimbabwe created new record for highest T20 total in October, 2024. What is the new record ?
a) 344 Runs
b) 314 Runs
c) 324 Runs
d) 354 Runs

36. Australian Government has banned social media access to children younger than ?
a) 12 years of age
b) 14 years of age
c) 16 years of age
d) 18 years of age

37. When is Ayurveda Day celebrated ?
a) October 29
b) October 19
c) October 9
d) October 24

38. Who has taken over as Chairman of National Commission for Women in October, 2024 ?
a) Ms Mamta Sharma
b) Shri Vijaya Kishore Rahatkar
c) Ms Rekha Sharma
d) Ms Lalitha Kumar Mangalam

39. Who was the elected President of Vietnam in October, 2024 ?
a) To Lam
b) Vo Thianh Xuan
c) Luong Cuong
d) Vo Van Thuong

40. Prime Minister launched " Shahid Madho Singh Haath Kharch Yogana " at Rourkela on November, 15. Who was Shahid Madho Singh ?
a) Binjhal Zamindar of Ghess locality of Bargarh
b) A freedom fighter
c) A close associate of Veer Surendra Sai
d) All the above

41. There have been major protests in Georgian capital Tbilisi in end November, 2024. What has been the reason for protests ?

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20

9.02.2025

Jr Steno - 2024

30

Do not open the Seal of the Question Booklet until you are asked to

TSGR-2024

Question Booklet Code: **D**

Question Booklet Series No: **100092**

Time Allowed: **120 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **24 Pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

INSTRUCTIONS FOR CANDIDATES

1. Fill in the OMR answer sheet, mentioning your Roll No. and other data as required in the place(s) indicated therein. Darken the appropriate circles in blue or black ball point pen only. Do not write any name / surname or put any symbol, sign, slogan, prayer or any mark of identification in the OMR answer sheet. Do not tamper with the bar-code or any other portion of the OMR answer sheet. Any such act is liable to render the answer sheet unfit for evaluation.
2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
3. A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you is incomplete or different from what you have given in the application form, you shall be awarded Zero mark.
4. Answer must be given by completely darkening one of the four circles / ovals representing the most appropriate answer given on the Answer Sheet corresponding to the relevant question. For answers not shown by properly darkening in black / blue ball point pen, no marks shall be awarded.
5. No Rough work should be done on the OMR Answer Sheet. Space for rough work has been provided in the Question Booklet itself.
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7. Candidates may take with them the respective question-booklet after the examination is over.
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9. Each question has four options. The candidate should select best option among the four.

SEAL

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22. Dr. Manmohan Singh , former Prime Minister of India died in December, 2024. When was he the Finance Minister of India ?

a) 1986-1991
b) 1991-1996
c) 1996-1998
d) 1999-2004

23. An aircraft met an accident while landing (on 29 December, 2024) resulting in death of 179 persons. Where did the accident take place?

a) South Korea
b) Azerbaijan
c) Nepal
d) Nigeria

24. Jimmy Carter brokered peace treaty between which of the countries listed below ?

a) Israel – Lebanon
b) Israel-Egypt
c) North Korea – South Korea
d) Israel – Saudi Arabia

25. Who is the Union Cabinet Minister of Civil Aviation , Govt of India ?

a) Dr. Virendra Kumar
b) Shri Kinjarapu RamMohan Naidu
c) Shri G. Kishan Reddy
d) Shri Chirag Paswan

26. Who is the Union Minister of State of Youth Affairs and Sports , Govt of India ?

a) Smt. Savitri Thakur
b) Smt. Raksha Nikhil Khadse
c) Smt. Nimuben Jayantibhal Bambhaniya
d) Sushri Shobha Karandlaje

27. Who is the Cabinet Minister of Tourism, Govt. of Odisha?

a) Shri Kanak Vardhan Singh Deo
b) Shri Rabinarayan Naik
c) Smt. Pravati Parida
d) Shri. Binhuti Bhusan Jena

28. Who is the current Governor of Uttar Pradesh?

a) Ms. Anandiben Patel
b) Ms. Baby Rani Maurya
c) Ms. Tamilisai Soundararajan
d) Ms. Anusuiya Uikey

29. Who is the current Speaker of Odisha Legislative Assembly?

a) Shri Suryabanshi Suraj
b) Smt. Pramila Mallik
c) Smt. Surama Padhy
d) Shri Bhabani Shankar Bhoi

30. Dr. Manik Saha is the current Chief Minister of which among the following states?

a) Meghalaya
b) Tripura
c) West Bengal
d) Telangana

31. Complete the given series by finding the missing term.

28,33,31,?,34,39

a) 34
b) 35
c) 36
d) 37

32. Consider the following two statements.

Statement-I Akshay's movie has crossed the 300 crores mark at the box-office.

Statement-II His movie is nominated for the Oscars.

Choose the correct option by analyzing which of the statement is cause and which one is its effect?

a) Statement-II is the cause and statement-I is its effect.
b) Statement-I is the cause and statement-II is its effect.
c) Both the statements are effects of some common cause.
d) Both the statements are effects of independent causes.

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33. Consider the following information.

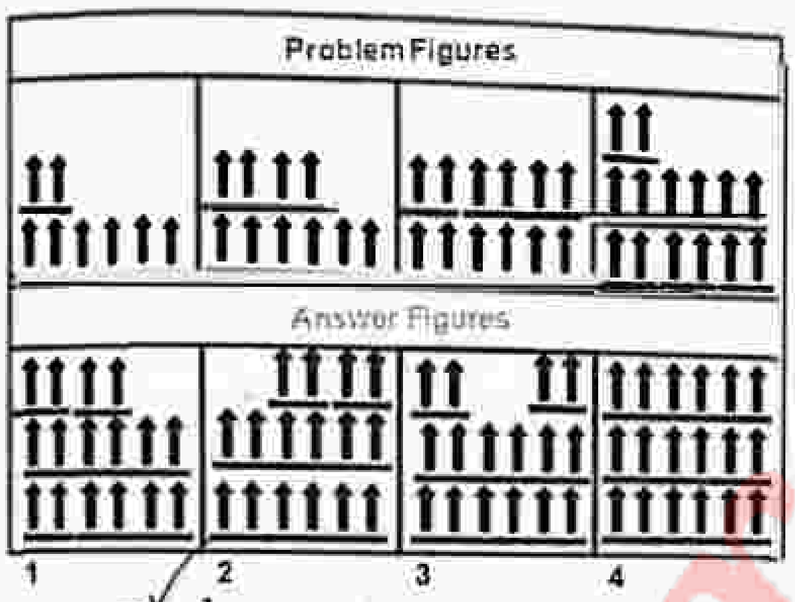
Rage, Raider, Rattler, Razor, Reaper, Rictor and Rogue are sitting in a circle facing at the centre .

- Reaper is the neighbour of Rage and Razor.
- Rogue is not between Rictor and Rattler.
- Rictor is to the immediate right of Rage.

Which of the following persons are sitting adjacent to each other from left to right in the order shown ?

a) Raider, Rogue, Rattler
b) Rictor, Raider, Rattler
c) Rattler, Razor, Rogue
d) Reaper, Razor, Rogue

34. Select a figure from amongst the Answer figures which will continue the same series as established by the problem figures.



a) 1
b) 2
c) 3
d) 4

35. Find the wrong number in the series:

125, 126, 124, 127, 123, 129.

a) 126
b) 124
c) 123
d) 129

36. Select the related work from the given alternatives

Person : House : : ? : ?

a) Aquarium : Fish
b) Lion : Den
c) Nest : Bird
d) Farmer : Crop

37. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

SEASONAL : OEAALNSS :: FRUITS : ?

a) BRUVDR
b) BRUART
c) UIFRST
d) IUSTRF

38. Select the letter cluster form among the given options that can replace the question mark (?) in the following series

RSX, NQW, JOV, FMU, ?

a) BLT
b) DKS
c) CJS
d) BKT

39. In a certain code language, "STATE" is written as "38401405", and "EXILE" is written as "5489245". How will "ARENA" be written in that language?

a) 21810142
b) 1365281
c) 21181014
d) 1365141

40. Which of the following will come in place of the question mark (?) in the following sequence?

16D7, 18G10, 21K14, 25P19, ?

a) 30V20
b) 30V25
c) 30V24
d) 29V25

(Q41-44) If 'A+B' means 'A' is daughter of 'B', 'A−B' means 'A' is husband of 'B', 'A×B' means 'A' is brother of 'B'.

41. What does the relation 'P×Q−R' show?

a) P is son-in-law of R
b) P is brother of R
c) R is wife of P
d) None of the above

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42. Which of the following statements does not hold?
a) A + B + C
b) A − B × C
c) A − B + C
d) A + B − C

43. From the statements 'A×B×C×D', which of the following statement is not necessarily true?
a) B is the brother of A
b) C is the brother of A
c) D is the brother of C
d) A, B, C are male

44. From the statement P−Q+R×S, how is the Q related to S?
a) Niece
b) Sister
c) Mother
d) None of these

45. If Southeast becomes East and Northwest becomes West and all the other directions are changed in the same direction, then what will be the direction for North?
a) Northwest
b) Southeast
c) Southwest
d) Northeast

46. Eight friends A, B, C, D, E, F, G and H are sitting in a straight line, all facing the North. F is sitting between D and G. B is sitting between H and A. E is third to the left of G, who is sitting at one of the corners. H is third to the left of C. Who is sitting between A and E?
a) G
b) H
c) B
d) C

47. Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Absorption
2. Absolutely
3. Abduct
4. Abbreviation
5. Accurate
a) 3, 4, 2, 1, 5
b) 4, 3, 2, 1, 5
c) 1, 2, 3, 4, 5
d) 3, 2, 4, 1, 5

48. 'M' is the husband of 'N'. 'O' is the mother of 'R' and 'N'. What is 'O' to 'M'?
a) Mother
b) Sister
c) Aunt
d) Mother-in-law

49. Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.
a) Asia
b) Europe
c) Russia
d) Africa

50. Pointing to a boy , Anuradha said , "He is the only son of my grandfather's only child." How is the boy related to Anuradha?
a) Daughter's son
b) Father's brother
c) Son
d) Brother

51. If DIG=41 and GOAD=55 , then FACT=?
a) 63
b) 45
c) 61
d) 53

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52. Which of the following term follows the trend of the given list ?

ABABACCB , ABABCCAB , ABACCBAB , ABCCABAB , ACCBABAB ,

a)ABABABCC
b)CCABABAB
c)ABABCCAB
d)ABABACCB

53. In a certain code language , '÷' represents '+' , '-' represents '×' , '+' represents '÷' and '×' represents '-'. Find out the answer to the following question.

20+5×4÷7-2=?

a) 43
b) 17
c) 14
d) 18

54. Select the option that is related to the third term in the same way as the second term is related to the first term?

IVORY : ZWSPJ :: CREAM :?

a) NFDQB
b) DSFCN
c) SNFDB
d) BQDZL

55. In the following question , a word is followed by four other words , one of which can't be formed by using the letters of the given word . Find the word.

PRECIOUS:

a) PIRE
b) RISE
c) ROSE
d) REST

56. If Rituparna studies , she will pass her exam . Rituparna fails the exam . Which one of the following can be concluded from the above statements?

a) Rituparna studied for the exam
b) Rituparna did not study for the exam
c) Rituparna may or may not have studied for the exam . (No definite conclusion)
d) None of the above

57. Manorama starts walking northwards and after a while, she turns to her right. After walking some distance, she turns to her left and walks a distance of one kilometer. She then turns to her left again. In which direction is she moving now ?

a) North
b) West
c) East
d) South

58. If two days before yesterday was Friday, what day will be day after tomorrow?

a) Monday
b) Sunday
c) Saturday
d) Wednesday

59. Assertion(A)

Amartya Sen was awarded the nobel prize for Economics.

Reason(R)

Amartya Sen has made an invaluable contribution in the field of developmental Economics.

a) Both A & R are true and R is the correct explanation of A
b) Both A & R are true, but R is not the correct explanation of A
c) A is true but R is false
d) A is false but R is true

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60. Five friends are sitting in a row facing south. Here Alibha is between Tapas and Krutika & Krutika is to the immediate right of Seema. Amit is to the right of Tapas. Then ,who is in the extreme right end ?

a) Seema
b) Amit
c) Tapas
d) Alibha

61. What does "URL" stand for?
a) Uniform Resource Locator
b) Universal Resource Locator
c) Unified Resource Location
d) Universal Route Locator

62. Which of the following is NOT a programming language?
a) Python
b) Java
c) R
d) Excel

63. What is the smallest unit of digital data?
a) Byte
b) Bit
c) Kilobyte
d) Megabyte

64. Which of the following is an example of system software?
a) Microsoft Word
b) Google Chrome
c) Windows OS
d) Adobe Photoshop

65. Which MS Office application is primarily used for word processing?
a) MS Excel
b) MS Word
c) MS PowerPoint
d) MS Access

66. Which of these is a valid file format for an MS Word document?
a) .xlsx
b) .pptx
c) .docx
d) .jpg

67. What is the shortcut for saving a file in MS Office applications?
a) Ctrl + X
b) Ctrl + S
c) Ctrl + P
d) Ctrl + V

68. In MS Word, which menu option is used to insert a table?
a) Home
b) Insert
c) Layout
d) View

69. In MS Excel, what is a "Cell"?
a) A group of rows
b) A single box in a spreadsheet
c) A page in the workbook
d) A chart

70. What is an IP address?
a) A software application
b) A physical address of the computer
c) A unique identifier for a device on a network
d) An internet provider's code

71. Which of the following is an example of a search engine?
a) Google
b) Firefox
c) Microsoft Word
d) Outlook

eexam Before

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21 CHSL - 2024 16.02.2025 30

LOGM-2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **B**

Question Booklet Series No: 137863

Time Allowed: **120 Minutes**

Total Questions: **150**

Maximum Marks: **150**

There shall be negative marking @ **0.25** mark per question for wrong/multiple answers

Before answering any question, check the booklet that. It contains **16 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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SEAL

Beforeexam

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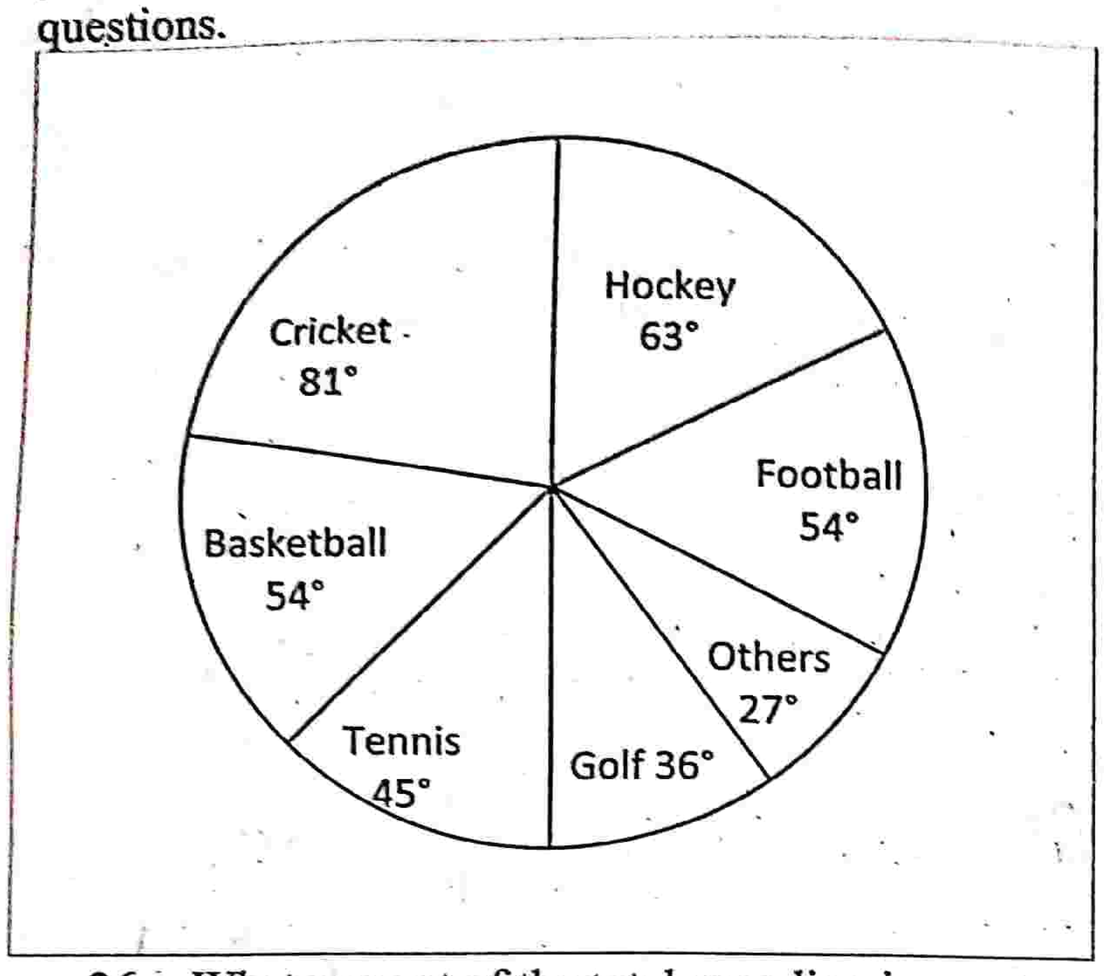
(Q. 26- 30) : The circle -graph below shows the spending of a state on various sports during a particular year. Study the graph carefully and answer the given questions.



26. . What percent of the total spending is spent on Tennis ?
   a) $12\frac{1}{2}\%$
   b) $22\frac{1}{2}\%$
   c) 25%
   d) 45%

27. . How much percent more is spent on Hockey than that on Golf?
   a) 27%
   b) 35%
   c) 37.5%
   d) 75%

28. How much percent less is spent on Football than that on Cricket?
   a) $22\frac{2}{9}\%$
   b) 27%
   c) $33\frac{1}{3}\%$
   d) $37\frac{1}{2}\%$

29. If the total amount spent on sports during the year was Rs 2 crores, the amount spent on Cricket and Hockey together was:
   a) Rs 800000
   b) Rs 8000000
   c) Rs 12000000
   d) Rs 16000000

30. If the amount spent on sports during the year be Rs 18000000, the amount spent on Basketball exceeds that on Tennis by:
   a) Rs 450000
   b) Rs 460000
   c) Rs 475000
   d) None of the above

LOGICAL REASONING

31. Which one of the numbers given in the options should come next in the series: 8, 6, 9, 23, 87, ?
   a) 126
   b) 224
   c) 324
   d) 429

32. Which of the following numbers will replace the question mark (?) in the given series:

108, 99, 88, ? , 60, 43
   a) 75
   b) 76
   c) 77
   d) 78

33. What should come in place of the blank (-) in the following series:
FBG, GBF, HBI, IBH, _____ ?
   a) HBL
   b) HBK
   c) JBK
   d) JBI

34. In a certain language, BOOK is written as 4300, MATE is written as 3900. Then 1600 will represent which word out of the given options ?
   a) GOOD
   b) WOOD
   c) CRAB
   d) CAGE

35. P, Q, R, S, T, U and V are sitting around a circular table facing the center such that:
   i. R is next to the left of U and V is second to the left of R,
   ii. P is sitting third to the left of T,
   iii. Q is between S and T.
Then which of the following pairs has the first person sitting to the immediate left of the second person?
   a) QT
   b) RP
   c) SV
   d) VS

36. In the following question, select the related word from the given alternatives?
Death: Birth :: ?: ?
   a) Up : Slow
   b) Win : Match
   c) Export : Import
   d) Huge : Wide

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37. If '+' stands for division, '÷' stands for multiplication, '×' stands for subtraction and '-' stands for addition, then which one of the following is correct ?
a) $18 \div 6 \times 7 + 5 - 2 = 22$
b) $18 \div 6 - 7 + 5 \times 2 = 20$
c) $18 + 6 \div 7 \times 5 - 2 = 18$
d) $18 \times 6 + 7 \div 5 - 2 = 16$

38. Which two numbers (not digits) should be interchanged to make the equation: $28 \div 7 + 14 \times 6 - 2 = 168$ correct ?
a) 14 and 28
b) 14 and 7
c) 14 and 8
d) 6 and 2

39. Select the option that represents the letters, when placed from left to right in the blanks below, will complete the letter series:
_ _ x y x _ _ y x _ x y.
a) x y y y x
b) x y y x y
c) y x x y y
d) y y x y x

40. Arrange the words given below in a meaningful sequence.
1. Police 2. Punishment 3. Crime
4. Judge 5. Judgement
a) 3, 1, 2, 4, 5
b) 1, 2, 4, 3, 5
c) 5, 4, 3, 2, 1
d) 3, 1, 4, 5, 2

41. In a certain code language, "DICTATOR" is written as "DROTATCI" and "GLIMPSE" is written as "GESPMIL". Then how will "CONDEMN" be written in that language?
a) CNMEDNO
b) CNONMED
c) NMEDNOC
d) NCONDEM

42. If Cup is to Coffee, then Bowl is to:
a) Dish
b) Soup
c) Spoon
d) Food

43. If the following words:
YOM, MJK, UGJ, IMX, KQZ
are arranged according to the alphabetical series from left to right, then which word is third from the left end ?
a) UGJ
b) IMX
c) KQZ
d) MJK

44. Pointing towards a woman, Joseph said, "Her daughter's son is brother of my wife's daughter". How is that woman related to Joseph?
a) Mother
b) Daughter
c) Sister
d) Mother-in-law

45. "Dog" is related to "Labrador" in the same way as "Vegetable" is related to "_____ ".
a) Apple
b) Banana
c) Capsicum
d) Pickle

46. Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.
JAPAN : NAQAJ :: INDIA :?
a) AIENI
b) DNIAI
c) AIDNI
d) NIEAI

47. Which one of the following options most closely resembles with the mirror image of the given combination:
BRISK
(1) ꓘSIꓭB (2) ꓘSIꓭB
(3) ꓘSIꓭB (4) ꓘSIꓭB
a) (4)
b) (3)
c) (2)
d) (1)

48. Nirupama is the daughter of the only son of Madhab. Lopamudra is the mother of Deepak. Yamini's only Son, Narendra is married to Lopamudra. Madhab is the paternal grandfather of Deepak. How is Madhab related to Narendra?
a) Brother
b) Paternal uncle
c) Father
d) Son

49. Consider the following statement:
$D < A, Q > R = A < Y$
followed by the conclusions:
(I) $Q > D$ (II) $D < Y$
Choose the correct option.
a) Only conclusion I is true.
b) Only conclusion II is true.
c) Both the conclusions I and II are true.
d) Neither conclusion I nor II is true.

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50. In a shop, there were 4 dolls A, B, C and D of different heights. D is neither as tall as A nor as short as C. B is shorter than D, but taller than C. If Rekha wants to purchase the tallest doll, then which one should she choose ?
a) Only A
b) Either A or D
c) Only D
d) Either B or D

51. In a row of 40 boys, Satish was shifted 10 places to the right of Rohan and Kartik was shifted 10 places to the left of Vikash. If Vikash was 26th from the left end and there were 3 boys between Kartik and Satish after shifting, then what was the position of Rohan in the row?
a) 10th from the right end.
b) 10th from the left end.
c) 39th from the right end.
d) Inadequate data to ascertain the position.

52. Consider the following statements followed by two conclusions.
Statements: All computers are mobiles. No mobile is a telephone.
Conclusions:
(I) No computer is a telephone.
(II) No telephone is a mobile.
Choose the correct option.
a) Only conclusion-I follows.
b) Only conclusion-II follows.
c) Either conclusion-I or conclusion-II follows.
d) Neither conclusion-I nor conclusion-II follows.

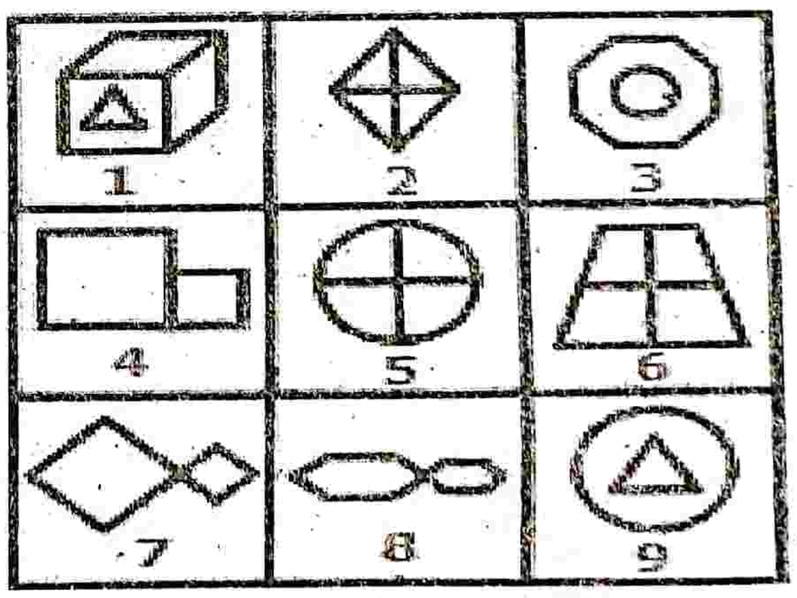
53. Consider the following statement followed by two assumptions.
Statement: "If you trouble me, then I will slap you." - A mother warns her child.
Assumptions:
(I) With the warning, the child may stop troubling her.
(II) All children are basically naughty.
Which one of the assumptions is implicit in the statement ?
a) Only assumption (I) is implicit.
b) Only assumption (II) is implicit.
c) Both the assumptions (I) and (II) are implicit.
d) Neither assumption (I) nor (II) is implicit.

54. Consider the following statements.
(I) The farmers have decided against selling their kharif crops to the Government agencies.
(II) The Government has reduced the procurement price of kharif crops starting from the last month to the next six months.
Choose the correct answer from the options given below.
a) Statement (I) is the cause and Statement (II) is its effect.
b) Statement (II) is the cause and Statement (I) is its effect.
c) Both the Statements (I) and (II) are effects of independent causes.
d) Both the Statements (I) and (II) are effects of some common cause.

55. In the following question: a word is followed by four other words, one of which cannot be formed by using the letters of the given word. Find the word.
ENDEAVORS:
a) ROSE
b) DONE
c) VOTE
d) END

56. The position of how many letters will remain unchanged if each of the letter in the word "POCKET" is arranged in alphabetical order?
a) Two
b) Three
c) Five
d) One

57. Group the given figures into three classes using each figure only once.



a) 1, 3, 9; 2, 5, 6; 4, 7, 8
b) 1, 3, 9; 2, 7, 8; 4, 5, 6
c) 1, 2, 4; 3, 5, 7; 6, 8, 9
d) 1, 3, 6; 2, 4, 8; 5, 7, 9

58. Choose a figure from amongst the four options (i.e., (A), (B), (C) and (D)), which contains the figure (X) as its part.

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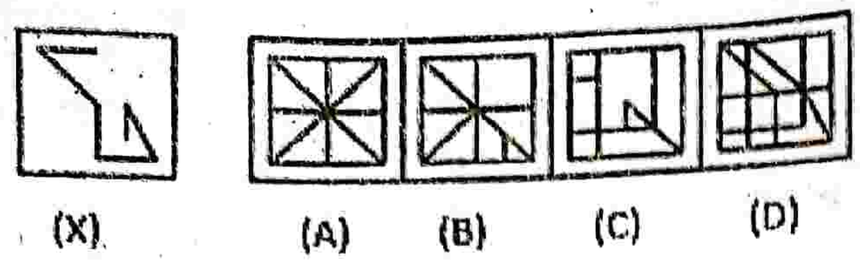
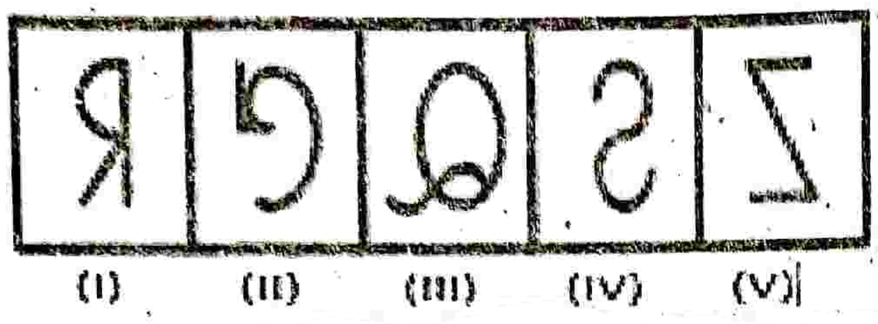


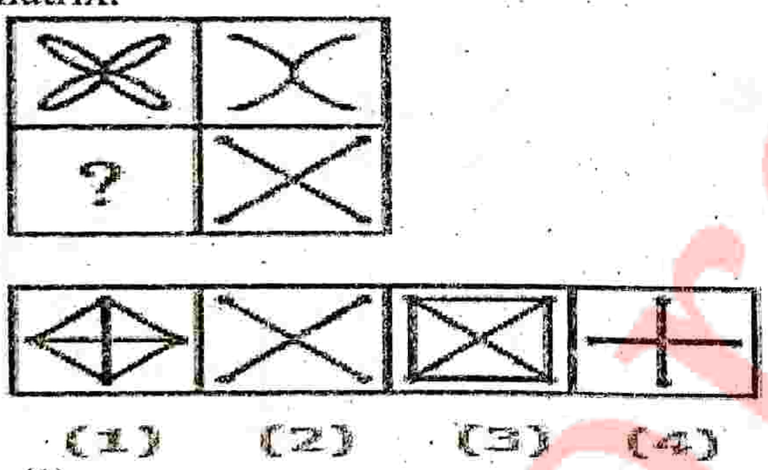
a) (A)
b) (B)
c) (C)
d) (D)

59. Out of the five figures marked (I), (II), (III), (IV) and (V), four are similar in a certain manner. Choose the figure which is different from the rest.



a) (II)
b) (III)
c) (IV)
d) (V)

60. Select a suitable figure from the four options (i.e., (1), (2), (3) and (4)) that would complete the figure matrix.



a) (1)
b) (2)
c) (3)
d) (4)

COMPUTER & INTERNET AWARENESS

61. Which generation of computers used Vacuum Tubes?
a) First
b) Second
c) Third
d) Fourth

62. Analog computer is_____.
a) A means of communicating with at a low level
b) A device that operates on data in the form of continuously varying physical quantities
c) An algebraic high level language
d) All of the above

63. Which device is used to store data permanently?
a) RAM
b) Register
c) Hard Disk
d) Cache Memory

64. What is the purpose of a motherboard?
a) Display output
b) Connect hardware components
c) Store data
d) Process instructions

65. In which of the following flip-flop component is used?
a) SRAM
b) DRAM
c) SDRAM
d) DDR – RAM

66. What is the purpose of an operating system?
a) Play music
b) Browse the internet
c) Manage computer resources
d) Edit documents

67. What is an antivirus software used for?
a) Creating presentations
b) Protecting against malware
c) Designing websites
d) Playing games

68. What is the term for a set of instructions that tells the computer what to do?
a) Data
b) Hardware
c) Software
d) DFD

69. Adobe Acrobat is an example of which of the following?
a) Linux
b) Web browser
c) Microsoft Window
d) Proprietary Product

70. In Excel, what is a cell reference?
a) The name of a worksheet
b) The location of a cell
c) The value stored in a cell
d) A formula used in a cell

71. Which MS Office application is best suited for managing databases?
a) Word
b) Excel
c) PowerPoint
d) Access

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23.03.2025

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LTR

ELIZ - 2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**

Question Booklet Series No: 165785

Time Allowed: **120 Minutes**

Total Questions: **100**

Maximum Marks: **100**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 Pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
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SEAL

Before Exam

d) 260 days

46. Two pipes A and B can fill a tank in 12 minutes and 15 minutes respectively while a third pipe C can empty the full tank in 20 minutes. All the three pipes are opened in the beginning. However, pipe C is closed 6 minutes before the tank is filled. In what time will the tank be full?
   a) 5 minutes
   b) 7 minutes
   c) 9 minutes
   d) 11 minutes

47. If $\frac{1}{8}$ of a pencil is black, $\frac{1}{2}$ of the remaining is white and the remaining $3\frac{1}{2}$ cm is blue, find the total length of the pencil.
   a) 4 cm
   b) 6 cm
   c) 8 cm
   d) 12 cm

48. Find the maximum number of students among whom 1001 pens and 910 pencils can be distributed in such a way that each student gets the same number of pens and the same number of pencils?
   a) 91
   b) 910
   c) 1001
   d) 1911

49. 20 litres of a mixture contains milk and water in the ratio of 5 : 3. If four litres of this mixture is replaced by four litres of milk, then find the ratio of the milk to that of the water in the new mixture.
   a) 2 : 3
   b) 4 : 3
   c) 5 : 3
   d) 7 : 3

50. Three years ago X's age was double of Y's. Seven years hence, the sum of their united ages will be 83 years. The age of X today is:
   a) 47 years
   b) 35 years
   c) 45 years
   d) 24 years

LOGICAL REASONING AND ANALYTICAL ABILITY, GENERAL MENTAL ABILITY

51. If SEASONAL is written as ESSANOLA, how can SEPARATE be written in that code?
   a) SEAPARET
   b) ESPARATE
   c) ESPAARTE
   d) ESAPARET

52. A man started from a place, walked towards North for 5 km, then turned 90^0 to his right and walked another 5 km. Then he turned 45^0 to his right and walked 2 km and turned 45^0 to his left. What is his direction now?
   a) South
   b) South East
   c) East
   d) South West

53. Which of the given letter groups follows the same principle on which the numbers are arranged in the given number group?
   [5, 8, 13, 20, 29]
   a) ACGKR
   b) ADIMS
   c) ADIPY
   d) ADGRO

54. From the given alternative words, select the word which cannot be formed using the letters of the given word.
   ECCENTRICITY
   a) TRINITY
   b) TRICKY
   c) ENTER
   d) CENTRE

55. The day before the day before yesterday is three days after Saturday. What day is it today?
   a) Thursday
   b) Friday

c) Tuesday
d) Wednesday

56. Ashok is facing East. He turns 90^0 in the anticlockwise direction and then another 180^0 turn in the same direction, finally he turns 45^0 in the clockwise direction. In which direction is he facing now?
a) South – West
b) East
c) North – West
d) South

(Q. 57 – 60) A family consists of six members P, Q, R, S, T and U. There are two married couples. Q is a doctor and is the father of T. U is the grandfather of R and is a contractor. S is the grandmother of T and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family.

57. Who is the sister of T?
a) R
b) T
c) U
d) Information insufficient

58. What is the profession of P?
a) Doctor
b) Doctor or nurse
c) Nurse
d) Housewife

59. Which of the following are the two married couples?
a) US, QT
b) TS, RU
c) US, QP
d) US, RP

60. Which of the following is definitely a group of male members?
a) QU
b) QUP
c) QUT
d) UT

61. In a certain code PAUSE is written as OBVTD and SHIFT is written as RIJGS. How will THINK be written in the same code?
a) UGHML
b) SIJOJ
c) SILOJ
d) SIJQJ

62. Ajay walked 2 m towards east, took a right turn and walked 7m. He then took a left turn and walked 5m before taking a left turn and walking 7 m. He then took a final right turn and walked 1m before stopping. How far is Ajay from the starting point?
a) 8 metres
b) 7 metres
c) 6 metres
d) 5 metres

63. If Saturday falls on the 4th January, 1997, what day of the week will fall on the 4th January, 1998?
a) Monday
b) Friday
c) Wednesday
d) Sunday

64. If '1' is subtracted from each even digit and '2' is added to each odd digit in the number 463852, how many digits will be repeated in the new number thus formed?
a) None
b) One
c) Two
d) Three

65. Trupti correctly remembers that the last time she went on leave was before the 16th but after the 11th. Sameer correctly remembers that the last time Trupti went on leave was after the 13th but before the eighteenth. On which day of the month did Trupti definitely go on leave?
a) 13th
b) 14th
c) 15th
d) Either 14th or 15th

(Q. 66 – 67) Kiran walks 20 m north, he turns right and walks 30m. Then he turns right and walks 35m. Then he turns left and walks 15m,

then he turns left and walks 15m. He again turns left and walks 15 m.

66. How far Kiran is from his starting point?
   a) 25 m
   b) 15 m
   c) 45 m
   d) 30 m

67. Which direction is Kiran facing now?
   a) East
   b) West
   c) North
   d) South

68. How many times the hands of the clock meet in a day?
   a) 22
   b) 21
   c) 2
   d) 24

(Q. 69-70) These questions are based on the following information.

P + Q means P is brother of Q.

P – Q means P is wife of Q.

P × Q means P is father of Q.

P ÷ Q means P is daughter of Q.

69. Which of the following expression shows that T is mother of L?
   a) T – H + L
   b) T – H × L
   c) T ÷ H × L
   d) T ÷ H + L

70. In F + M × V ÷ R, what is the relation of V with F?
   a) Daughter
   b) Son
   c) Niece
   d) Uncle

COMPUTER/ INTERNET AWARENESS

71. What is the full form of CPU?
   a) Computer Processing Unit
   b) Computer Principle Unit
   c) Central Processing Unit
   d) Control Processing Unit

72. Which of the following unit is responsible for converting the data received from the user into a computer understandable format?
   a) Output Unit
   b) Input Unit
   c) Memory Unit
   d) Arithmetic & Logic Unit

73. What does USB stand for?
   a) Universal Signal Board
   b) Universal Signal Bus
   c) Universal Serial Bus
   d) Universal Serial Board

74. A computer _____ is a malicious code which self-replicates by copying itself to other programs.
   a) program
   b) virus
   c) application
   d) worm

75. Shortcut key for "Subscript" is_____?
   a) Ctrl + Shift + –
   b) Ctrl + Shift + =
   c) Ctrl + =
   d) Ctrl + –

76. Any system that uses the HTTP protocol is called _____?
   a) Web Browser
   b) Web Server
   c) WWW
   d) TCP/IP

77. Which one of the following is known as 'Permanent Memory'?
   a) RAM
   b) ROM
   c) Cache
   d) Registers

78. A place that an user can create to store files is:
   a) Cursor
   b) Folder
   c) Boot
   d) Text

Bedfordexam

23

27.04.2025

Traffic SI - 2024

30

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SEAL

Bee Exam

rate of interest by 20% compounded annually, then the value of each instalment is:

a) Rs 7500
b) Rs 7000
c) Rs 7100
d) Rs 7200

30. Out of two sections A and B, 10 students of section B shift to A, as a result strength of A becomes 3 times the strength of B. But if 10 students shift over from A to B, both A and B become equal in strength.
Ratio of the number of students in section A to that of section B is:

a) 2 : 1
b) 5 : 3
c) 3 : 1
d) 9 : 4

LOGICAL REASONING

31. From the given options, choose the word which cannot be formed using the letters of the word: LEGALIZATION.

a) ALERT
b) ALEGATION
c) GALLANT
d) NATAL

32. What should come in place of the blank in the following number series:
3, 15,___ , 63, 99, 143 ?

a) 30
b) 35
c) 40
d) 45

33. Here are some words translated from an artificial language.

i. agnoscrenia means poisonous spider.
ii. delanocrenia means poisonous snake.
iii. agnosdeery means brown spider.

Which word could mean "black widow spider"?

a) deeryclostagnos
b) agnosvitriblunin
c) agnosdelano
d) trymuttiagnos

34. Find the odd letters from the given options.

a) PQXZ
b) CQBN
c) ABDF
d) PRMN

35. Select the related number from the given options to fill the blank in
3265 : 4376 :: 4673 :____

a) 2154
b) 3562
c) 5487
d) 5784

36. Fill the gap in the series:
ELFA, GLHA, ILJA, _____, MLNA

a) OLPA
b) KLLA
c) KLMA
d) LLMA

37. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?
___ tu ___ rt ___ s___ ___ usrtu___

a) rsurts
b) rtusru
c) rsutrr
d) rsurtr

38. In a certain code language, if "RAFT" is written as 180 and "DON" is written as 99, then how will "SHOWER" be written in the same language ?

a) 528
b) 448
c) 325
d) 265

39. Select the option in which the words share the same relationship as that shared by the given pair of words.

Before Exam

Dentist : Doctor
a) Biology : Astrology
b) Line : Circle
c) Algebra : Geometry
d) Chemistry : Science

40. In a certain code language, 6219 means "Sachin is a cricketer" and 2646 means "He played from Mumbai". Then which of the following is the code for "Mumbai is very famous" ?
a) 7945
b) 6285
c) 6246
d) 2458

41. Choose one of the following options which will replace the question mark (?) in
REASON : SFBTPO : : THINK : ?
a) UIJOL
b) SGHMJ
c) UHNKI
d) UJKPM

42. Murli introduced Devoleena to his friend, "She is the daughter of the only son of my father's wife". How is Murli related to Devoleena ?
a) Son
b) Cousin
c) Father
d) Brother

43. Which of the following options represents a meaningful sequence of the words given below?
1. Yarn
2. Growing
3. Cotton
4. Manure
5. Fabric
6. Seeds

a) 4, 2, 6, 3, 1, 5
b) 2, 6, 4, 1, 3, 5
c) 4, 1, 6, 3, 5, 2
d) 6, 2, 4, 3, 1, 5

44. Consider the following statements followed by two conclusions. Assuming that these statements are true, choose which of the given conclusion(s) logically follows from the two statements disregarding commonly known fact.

Statements:
I. All men are dogs.
II. All dogs are cats.

Conclusions:
I. All men are cats.
II. All cats are men.
a) Only conclusion (I) follows.
b) Only conclusion (II) follows.
c) Neither conclusion (I) nor (II) follows.
d) Both conclusions (I) and (II) follow.

45. Select the term that will come next in the following series.
57, 62, 31, 36, 18, ?
a) 34
b) 23
c) 19
d) 36

46. If 'P - Q' means Q is the son of P, 'P × Q' means P is the brother of Q, 'P ÷ Q' means Q is the sister of P and 'P + Q' means P is the mother of Q, then which one of the following is true about 'N × K - M ÷ L' ?
a) K is father of L and M.
b) L is daughter of K and niece of uncle N.
c) K is father of L and M, his son and daughter respectively.
d) M is the uncle of K's brother N

47. The first of April is a Wednesday. What day of the week will it be on the first of May of the same year?
a) Saturday
b) Friday
c) Sunday
d) Monday

Before

Directions: (Ques. No. 48 - 51):
Six friends A, B, C, D, E, F are sitting in a straight line (not necessarily in the same order) maintaining a same gap between them. Further, the following information is also known.

i. Everyone is facing north.
ii. E and F are sitting at the extreme ends of the line.
iii. The number of people sitting right to D is equal to the number of people sitting left to A.
iv. C is sitting 4th to the right of E.

With these information, answer the questions that follow.

48. What is the position of B with respect to F ?
a) Immediate right.
b) Immediate left.
c) 4th to the left.
d) 2nd to the left.

49. What is the position of A with respect to E ?
a) 2nd to the right.
b) 2nd to the left.
c) 3rd to the right.
d) Cannot be determined.

50. If C, E exchanged their positions, what would be the position of B with respect to E ?
a) 3rd to the left
b) 3rd to the right
c) 2nd to the left
d) 2nd to the right

51. If D is sitting next to C, what would be the position of A with respect to F ?
a) 3rd to the right
b) 3rd to the left
c) 2nd to the left
d) 2nd to the right

52. Balabhadra walked 2 km West from his office and then turned to South covering 4 km. Finally, he walked 3 km towards East and again move 1 km West. How far is Balabhadra from his initial position ?
a) 4 km.
b) 5 km.
c) 6 km.
d) 7 km

53. Five boys took part in a race. James finished before Benjamin, but behind Gabriel. Jacob finished before Adam, but behind Benjamin. Then who finished the race first ?
a) Gabriel
b) Jacob
c) James
d) Benjamin

54. Consider the following statements followed by two conclusions.
Statement: The Government run company had asked its employees to declare their income and assets, but it has been strongly resisted by employees union and no employee is going to declare his income.

Conclusions:

I. The employees of this company do not seem to have any additional undisclosed income besides their salary.
II. The employee's union wants all senior officers to declare their income first.

a) Only conclusion (I) follows.
b) Only conclusion (II) follows.
c) Both (I) and (II) follow.
d) Neither (I) nor (II) follows.

55. Trupti is to the East of Naina, who is to the North of Chhaya. If Sushree is to the South of Chhaya, then Sushree is in which direction with respect to Trupti?
a) North
b) South
c) South-East
d) South-West

ezzaimbeforeBOOM

56. Consider the following statements.

Statements:

I. This year, the cut off percentage for admission to junior colleges have increased over the last year.

II. This year the performance of students in Class-X final exam was considerably higher than that of the previous year.

Based on these two statements, choose the correct answer from the given options.

a) Statement (I) is the cause and statement (II) is its effect.
b) Statement (II) is the cause and statement (I) is effect.
c) Both the statements (I) and (II) are effects of some common cause.
d) Both the statements (I) and (II) are effects of independent causes.

57. Consider the following statement followed by two assumptions.

Statement: The government has decided to pay compensation to the tune of Rs.1 lakh to the family members of those who are killed in railway accidents.

Assumptions:

I. The government has enough funds to meet the expenses due to compensation.

II. There may be reduction in incidents of railway accidents in near future.

Choose which of the above assumption(s) is implicit in the statement.

a) Only assumption (I) is implicit.
b) Only assumption (II) is implicit.
c) Neither assumption (I) nor (II) is implicit.
d) Both the assumptions (I) and (II) are implicit.

58. If Nayantara facing towards South-East turns Left 90°, Right 135°, Left 180°, Right 45°, Left 45° continuously, then in which direction is she now ?

a) South-West
b) North-East
c) North
d) East

59. Consider the following statement followed by two course of action.

Statement: The ground water in the locality has been found to contain high level of arsenic making it dangerous to drink.

Courses of action:

I. The people living in the area should be shifted to another area to avoid a catastrophic situation.

II. The government should make arrangements for supply of safe drinking water.

Pick out which of the suggested courses of action logically follow(s) for pursuing.

a) Both the courses of action (I) and(II) follow.
b) Neither the course of action (I) nor (II) follows.
c) Only course of action (I) follows.
d) Only course of action (II) follows.

60. Ten boys are standing in a row facing the same direction. Agastya, who is seventh from the left end of the row, is to the immediate right of Irfan, who is fifth from the right end of the row. Irfan is third to the right of Kalpesh. How many children are there between Agastya and Kalpesh ?

a) 4
b) 3
c) 2
d) 1

DATA INTERPRETATION

Direction: (Ques. No. 61-64): Study the following table and answer the questions that follow.

Classification of 100 students based on the marks obtained by them in History and Geography in an Examination.

24

18.05.2025

30

CTS - 2024

ELIZ - 2024

Do not open the Seal of the Question Booklet until you are asked to

Question Booklet Code: **A**

Question Booklet Series No: 165785

Time Allowed: **120 Minutes**

Total Questions: **100**

Maximum Marks: **100**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **16 Pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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2. Correcting fluid, eraser, blade, books, textual material, script notes / loose paper, calculator, document, slide rules, log tables / electronic watches, smart watch, cell phone, pager, other electrical/ electronic devices etc, are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he / she shall be expelled from the examination without any enquiry as to whether the same was / were used by the candidate or not.
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SEAL

Bee Exam

Held On - 18/05/2025

LOGICAL REASONING AND ANALYTICAL ABILITY, GENERAL MENTAL ABILITY

1. In the Asian Games , the flags of six countries were arranged on top of pillars in the following way :

The flag of India was to the left of China's and to the right of the flag of South Korea . The flag of Japan was to the right of the China flag but to the left of the flag of Sri Lanka , which was to the left of the flag of Thailand .

Find the two flags that are in the centre .

a) India & Japan
b) India & China
c) Sri Lanka & Japan
d) China & Japan

2. Find the odd letters from the given options.
a) ABYZ
b) CDWX
c) EFUV
d) GHTV

3. The age of five sisters Indira , Lalita , Ananya , Navya & Parineeta are compared . Lalita is elder than Ananya but younger than Indira . Navya is the eldest . Ananya is not the youngest . Who is the second eldest sister ?
a) Ananya
b) Indira
c) Parineeta
d) Lalita

4. Fill the gap in the series by choosing the correct alternative .
DEF, DEF_2, DE_2F_2, _____, $D_2E_2F_3$

a) DEF_3
b) $D_2E_2F_2$
c) D_3EF_3
d) D_2E_3F

5. In a certain code language, "BACK" is written as "YEXP" and "MIXTURE" is written as "NOCGAII". How will "FROGS" be written in that language ?
a) VIVTH
b) UILTG
c) UIUTH
d) UULTG

6. Which one set of letters when sequentially placed at the gaps in the given letter series:
c __a__ bbb __b__ __c__ abbbb __c__ abbb __b__ shall complete it ?

a) aabcb
b) abccb
c) abacb
d) baabb

7. Pointing towards a man Srisikta said, "He is brother of mother of my son." How that man is related to Srisikta's husband?
a) Brother – in – law
b) Son
c) Nephew
d) Maternal Uncle

8. Which number will fill the blank in the series: 7, 26, 63, 124, 215, 342, _____?
a) 391
b) 421
c) 481
d) 511

9. Early morning after sunrise, Rajesh was standing in front of his house in such a way that his shadow is falling exactly behind him. He starts walking straight and walks 5 meters. He turns to his left and walks 3 meters and again turning to his left walks 2 meters. Now, in which direction is he from the starting point ?
a) North
b) North-East
c) South
d) North-West

10. Five men A, B, C, D and E read a newspaper. The one who reads first gives it to C. The one who reads last had taken from A. E was not the first or last to read. There were two readers between B and A. Then B passed the newspaper to whom ?
a) A
b) C
c) D
d) E

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11. Seven executives P, Q, R, S, T, U and W reach office in a particular sequence. U reaches immediately before P, but does not immediately follow S. R is the last one to reach office. T follows immediately after P and is subsequently followed by W. Then among these executives, who reaches the office first ?

a) Q
b) T
c) S
d) U

12. Consider the following information.

(I) Madhu and Shobha are good in Dramatics and Computer Science.
(II) Anjali and Madhu are good in Computer Science and Physics.
(III) Anjali, Poonam and Nisha are good in Physics and History.
(IV) Nisha and Anjali are good in Physics and Mathematics.
(V) Poonam and Shobha are good in History and Dramatics.

Select who is good in Computer Science, History and Dramatics from the following options ?

a) Anjali
b) Madhu
c) Shobha
d) Nisha

13. Consider the following statements followed by two conclusions.

Statement: Jade plant has thick leaves and it requires little water.

Conclusions:

(I) All plants with thick leaves require little water.
(II) Jade plants may be grown in places where water is not in abundance.

a) Only conclusion (I) follows
b) Only conclusion (II) follows
c) Neither (I) nor (II) follows
d) Both (I) and (II) follow

14. Fill the blank by choosing the correct alternative from the following options.
CMM, EOO,GQQ, ____, KUU

a) ITT
b) GSS
c) GRR
d) ISS

15. Consider the following statements.

Statements:

(I) There has been a considerable increase in the sale of fat free food items.
(II) Now, people have become more conscious about their health condition and food habits.

Based on these two statements, choose the correct option given below.

a) Statement (I) is the cause and statement (II) is its effect.
b) Statement (II) is the cause and statement (I) is effect.
c) Both the statements (I) and (II) are effects of independent causes.
d) Both the statements (I) and (II) are effects of some common cause.

16. Consider the following statement followed by two assumptions.

Statement: "I have not received telephone bills for nine months in spite of several complaints.:—A telephone customer's letter to the editor of a daily.

Assumptions:

(I) Every customer has a right to get bills regularly from the telephone company.
(II) The customer's complaints are to point out the defect in the services, which is expected to be corrected.

Pick out which of the above assumption(s) is implicit in the statement.

a) Only assumption (I) is implicit.
b) Only assumption (II) is implicit.
c) Both the assumptions (I) and (II) are implicit.
d) Neither assumption (I) nor (II) is implicit.

17. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
16 : 263 :: 18 : ? :: 22 : 491

Before exam

a) 340
b) 331
c) 361
d) 317

18. Ankit is the father of Ketan. Riddhi and Siddhi are the daughters of Ruby, who is the only sister of Ketan. Anirban is the only son of Ketan and Bidya. How is Ankit related to Siddhi?
a) Maternal Grandfather
b) Paternal Uncle
c) Paternal Grandfather
d) Maternal Uncle

19. IF '+' means '÷', '×' means '-', '÷' means '+' and '-' means '×', then what will come in place of the question mark (?) in the following equation?
$91 + 13 - 8 \times 37 \div 44 = ?$
a) 51
b) 59
c) 67
d) 63

20. If 28 February 2015 was Saturday, then what was the day of the week on 28 February 2021?
a) Sunday
b) Thursday
c) Friday
d) Saturday

21. In the following question, a word is followed by four other words, one of which cannot be formed by using the letters of the given word. Find the word.
PSEUDONYM
a) PENDULUM
b) DOES
c) SON
d) POSE

22. If the T > H > K > L and V < K > Z = B, then which of the following conclusions is NOT correct?
a) V < T
b) K = B
c) H > Z
d) T > L

23. Select the related number from the given options to fill the blank .
BORE : 10 :: HOTEL : ____? .
a) 12
b) 15
c) 18
d) 30

24. Nutan, Bibhu, Hassan, Siddharth, Priyanka & Joseph are sitting in a straight line, all facing the north. Bibhu is fourth to the left of Nutan. Priyanka is sitting at one corner. Hassan is fourth to the left of Priyanka. Joseph is third to the right of Bibhu. Who is sitting at the second place to the left of Joseph?
a) Siddharth
b) Priyanka
c) Hassan
d) Nutan

25. In a certain code language, if 'dish is tasty' is written as 'lam kam dam', 'it is sweet' is written as 'ram sam kam', and 'it ate dish' is written as 'ram dam pam', then how would 'tasty sweet' be written in this language?
a) sam kam
b) lam sam
c) sam dam
d) None of the above

26. At the time of sunset, Merry and Jolly are sitting facing each other. If the shadow of Merry falls to the right of Jolly, in which direction is Jolly facing?
a) North
b) West
c) South
d) East

27. Aparupa remembers that the football match is after 19th July but before 22nd July, while Suresh remembers that the football match is before 25th July but after 20th July. On which date of July is the football match?
a) 20
b) 21

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c) 22
d) 19

28. (I) Reshma is older than Ravi.
(II) Pulak is older than Reshma.
(III) Ravi is older than Pulak.

If the first two statements are true, the third statement is:

a) True
b) False
c) Uncertain
d) None of the above

29. If the words are organized in reverse order of what they appear in dictionary. Which word will come in third place?
a) Ordeum
b) Odium
c) Occultist
d) Odious

30. If 50 minutes ago, it was 45 minutes past four o'clock, how many minutes is it until six o' clock?
a) 15
b) 45
c) 25
d) 35

CURRENT EVENTS OF NATIONAL AND INTERNATIONAL IMPORTANCE

31. A terrorist attack killed 26 persons in Kashmir in April 2025. Name the place where the heinous attack took place.
a) Gulmarg
b) Pahalgam
c) Srinagar
d) Sonmarg

32. At 14 years and 32 days , he became the youngest centurian in Men's T20. Name him.
a) Yashasvi Jaiswal
b) Vaibhav Suryavanshi
c) Uday Saharan
d) Musheer Khan

33. Which among the following was made a National Park recently (April 2025)?
a) Similipal
b) Bhitarkanika
c) Nandankanan
d) Debrigarh

34. Pope Francis died on 21st April 2025. He was the first :
a) Latin American Pope
b) Asian Pope
c) African Pope
d) Australian Pope

35. Which two epics of India have been recognized by UNESCO recently and added to UNESCO's memory of the world register?
a) Buddhacharita & Panchatantra
b) Ramayana & Mahabharata
c) Arthashastra & Ramcharitmanas
d) Bhagvad Gita & Natyashastra

36. Tropical cyclone 'Alfred' hit which country recently?
a) Japan
b) Myanmar
c) Australia
d) USA

37. Who won Women's Premier League(Cricket) 2025?
a) Mumbai Indians
b) Delhi Capitals
c) Gujrat Giants
d) Royal Challengers, Bangalore

38. Which exercise was conducted by Indian Air Force recently that drills with Rafales and Su-30s?
a) Indradhanush
b) Gaganshakti
c) Pralay Shayam
d) Aakraman

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Do not open the Seal of the Question Booklet until you are asked to

IMQA-2025

Question Booklet Code: **D**

Question Booklet Series No: 070600

Time Allowed: **120 Minutes**

Total Questions: **150** Maximum Marks: **150**

There shall be negative marking @ **0.25 mark** per question for wrong/multiple answers

Before answering any question, check the booklet that it contains **20 pages** and no page is missing, mutilated or repeated. In case of defect, get it replaced immediately.

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SEAL

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Bedi forever

116. For which destinations is the fare for children is less than 50% of that of males?
a) A and B only
b) B and E only
c) A, C and E only
d) E only

Directions (117-120): Study the given table carefully and answer the following questions. Table shown below shows the ratio of literate and illiterate population of five cities.

Cities	Percentage of literate population	Ratio of illiterate Males & Females	Ratio of literate Males & Females
A	45%	8 : 7	7 : 5
B	60%	7 : 5	7 : 8
C	72%	7 : 5	5 : 4
D	64%	5 : 4	9 : 7
E	52%	7 : 9	9 : 4

117. If the number of literate males in city B is 34,440 and that of illiterate females in city D is 24,000, then by what percentage population of city B is less than population of city D.
a) 12%
b) 14%
c) 16%
d) 18%

118. By what percentage population of city E is more than population of city A if illiterate males in city A is 31,200 whereas literate females in city E is 36000.
a) 50%
b) 75%
c) 100%
d) 125%

119. Find the difference between the illiterate males in city C to the literate females in the same city if the difference between the literate and illiterate population is 52800.
a) 17,800
b) 18,800
c) 18,830
d) 19,300

120. Find the population of illiterate females in city B if the difference between the population of literate males and illiterate males is 5740.
a) 24,200
b) 22,250
c) 18,750
d) 20,500

LOGICAL REASONING AND ANALYTICAL ABILITY, GENERAL MENTAL ABILITY

Directions (Q.121-124): Choose the word/letter(s)/ number which will replace the question mark(?) from the given alternatives.

121. Heart : Cardiology : : Kidney: ?
a) Endocrinologist
b) Orthodontist
c) Nephrologist
d) Neurologist

122. AFKP : BGLQ : : CHMR : ?
a) DINS
b) DNIS
c) DFKP
d) DJOT

123. NEWS : 14,5,23,19 : : PAPER : ?
a) 16, 5, 16, 1, 18
b) 18, 5, 16,1,16
c) 16, 1, 16, 5, 18
d) 32, 2, 32, 10 , 36

124. Vertex : Pyramid : : ?
a) Strand: Hair
b) Rung : Ladder
c) Summit : Mountain
d) Frame : Picture

Directions (Q. 125-126): Choose the number/group of letters which is different from others.

Beforeexam

125. Choose the odd one:
a) 64
b) 125
c) 216
d) 144

126. Choose the odd one:
a) LNJ
b) RTP
c) NPK
d) FHD

127. Choose the term which is different from others.
a) DG2
b) EK5
c) JR6
d) PY8

128. In the word 'MATHEMATICS', if M is replaced by P, A by D, T by W and so on, then in the new arrangement of the letters, the letter of the 9th place is:
a) K
b) L
c) F
d) W

129. The letters of the word 'NUMKIPP' are not in proper order. If they are arranged in proper order, the name of a vegetable is formed. What is the last letter of the word so formed?
a) K
b) M
c) N
d) P

130. If GOODNESS is coded as HNPCODTR, how GREATNESS can be written in that code?
a) HQZSMFRT
b) HQFZUFRTM
c) HQFZUODTR
d) HQFZUMFRT

131. If BAG= 71, then VICE=?
a) 69
b) 70
c) 75
d) 90

132. In a certain code 'tef ner ger' denotes 'you can determine', 'fer ler tef kar' denotes 'can she help me' and 'mer der ger' denotes 'how are you'. Which word denotes 'determine' in that code?
a) ger
b) ter
c) fer
d) ner

133. Which one of the following numbers 587, 875, 695, 767, 867 is different from the other numbers, in accordance with some rule?
a) 695
b) 767
c) 867
d) 875

134. What comes in place of question mark(?) in the series given below?
P3C, R5F, T8I, V12L, ?
a) V17O
b) X16M
c) X17O
d) X16O

135. Arrange the following words in a logical and meaningful order.
1.Frog 2.Eagle 3. Grasshopper 4. Snake 5. Grass
a) 3,4,2,5,1
b) 1,3,5,2,4
c) 5,3,1,4,2
d) 5,3,4,2,1

136. If every second Saturday and all Sundays are holidays in a 30 days month beginning

Beforeexam

on Saturday, then how many working days are there in that month?

a) 20
b) 21
c) 22
d) 23

137. Sunita ranks seventh from the top and twenty-sixth from the bottom in a class. How many students are there in the class?

a) 31
b) 32
c) 33
d) 34

138. Given that

i. A is the brother of B.
ii. C is the father of A.
iii. D is the brother of E.
iv. E is the daughter of B.

Then , the uncle of D is:

a). A
b) B
c) C
d) E

139. If given 12(169)5, 4 (20)2 and 1(26)5, then the question mark in 7(?)3 will be:

a) 78
b) 68
c) 58
d) 36

140. If 64 × 52 = 17, 48 × 56 = 23 and 74 × 35 = 19, then 84 × 37 = ?

a) 32
b) 28
c) 22
d) 20

141. In a clock at 12:30, hour needle is in North direction while minute needle is in South direction. In which direction would be minute needle at 12:45?

a) North-West
b) South-East
c) West
d) East

142. Ram and Shyam start walking in opposite directions. Ram covers 6 km and Shyam 8 km. Then, Ram turns right and walks 8 km and Shyam turns left and walks 6 km. How far they are from their starting point?

a) 11 km
b) 8 km
c) 9 km
d) 10 km

143. I was born on August 11. Mohan is older than me by 11 days. This year's independence day falls on Monday. The day on which Mohan's birthday will fall this year will be:

a) Monday
b) Tuesday
c) Sunday
d) Thursday

144. The ratio between the present ages of A and B is 5:3 respectively. The ratio between A's age 4 years ago and B's age 4 years hence is 1:1. What is the ratio between A's age 4 years hence and B's age 4 years ago?

a) 1:3
b) 2:1
c) 3:1
d) 4:1

145. In a gathering Seven members are sitting in a row. 'C' is sitting left to 'B' but on the right to 'D'. 'A' is sitting right to 'B'. 'F' is sitting right to 'E' but left to 'D'. 'H' is sitting left to 'E'. Find the person sitting in the middle.

a) C
b) D
c) E
d) F

146. Examine the following statements.

Beforeexam

i. George attends Music classes on Monday.
ii. He attends Mathematics classes on Wednesday.
iii. His Literature classes are not on Friday.
iv. He attends History classes on the day following the day of his Mathematics classes.
v. On Tuesday, he attends his Sports classes.

If he attends just one subject in a day and his Sunday is free, then he is also free on:
a) Monday
b) Thursday
c) Saturday
d) Friday

147. How many letters of the English alphabet appears same when looked at in a mirror?
a) 9
b) 10
c) 11
d) 12

148. By looking in a mirror, the clock shows 9:30 as the time. The actual time is:
a) 2 : 30
b) 3 : 30
c) 4 : 30
d) 6 : 30

149. From the options given below, which arrangement is according to the dictionary?
i. Church
ii. Chance
iii. Celebrity
iv. Cataract
v. Cement
a) D, E, C, B, A
b) D, C, E, B, A
c) D, C, B, E, A
d) D, B, C, E, A

150. If Z = 1, Y = 2, ... A = 26, then what is the value of CAT?
a) 24
b) 48
c) 57
d) 41

Beforeexam