



Paper Code
(1001CPA402120088)



FORM NUMBER

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DISTANCE LEARNING PROGRAMME

(ACADEMIC SESSION 2020-2021)

NTSE (STAGE-II) TEST SERIES

MENTAL ABILITY TEST (MAT)

MOCK TEST # 3(A)

DATE : 18-04-2021

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Duration of Test is **120 Minutes** and Questions Paper Contains **100 Questions**. Total Marks are **100**.
2. Answers are to be given on a separate OMR sheet.
3. There are 100 questions in this test. All are compulsory.
4. Please follow the instructions given on the OMR sheet for marking the answers.
5. Mark your answers for questions 1–100 on the OMR sheet by darkening the circles.
6. Every correct answer will be awarded one mark. **THERE IS NO NEGATIVE MARKING.**
7. If you do not know the answer to any question, do not waste time on it and pass on to the next one. Time permitting, you can come back to the questions, which you have left in the first instance and attempt them.
8. Since the time allotted for this question paper is very limited you should make the best use of it by not spending too much time on any one question.
9. Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.
10. Please return the OMR sheet to the invigilator after the test.

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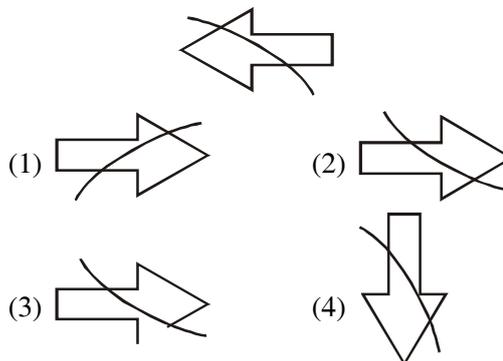
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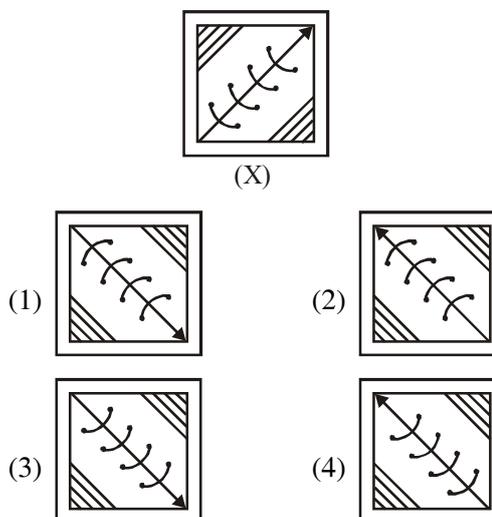
HAVE CONTROL → HAVE PATIENCE → HAVE CONFIDENCE ⇒ 100% SUCCESS

- You are visiting a place for the first time and are travelling in a bus. Suddenly you realise that the driver is taking the bus to a lonely place with no right intentions. You would
 - with the help of some other passengers, try to baffle the driver and take over the bus
 - sit and wait to face the repercussions
 - jump out of the running bus
 - console the worried passengers
- 5 days ago Shweta lost her phone. 2 days after loosing the phone she lodged a complaint with police. 6 days after lodging the complaint she bought a new phone. 4 days after buying a new phone i.e. on a Thursday she found her old phone. On which day did she loose her phone ?
 - Sunday
 - Monday
 - Saturday
 - Friday
- Which year subsequent to 1996 had the same calendar as that of the year 1996 ?
 - 2001
 - 1998
 - 1999
 - 2024
- The famous company 'ARROW' was established on 23 June in 1851. It is known that the year 1851 started with Wednesday. On which day, the company was established ?
 - Sunday
 - Monday
 - Tuesday
 - Friday
- Nisha was born on 30 January. Reshma is older than Nisha by 21 days. During that year, the Republic day was celebrated on Wednesday. On which day was Reshma born ?
 - Sunday
 - Monday
 - Tuesday
 - Friday

- Find mirror image of given figure.



- Find water image of given figure (X).



Directions (Q.8 to Q.11) : Read the following information carefully and give the answer of following questions :

A scientist is trying to prepare a medicine using four ingredients. He can choose from the stable chemicals A, B and C and the unstable chemicals W, X, Y and Z. In order for the formula not to explode, there must be two stable chemicals in it. Also, certain chemicals cannot be mixed because of their reaction together.

- Chemical B cannot be mixed with chemical W
 - Chemical C cannot be mixed with chemical Y
 - Chemical Y cannot be mixed with chemical Z
- If Y is the most important chemical and must be used in the formula, which other ingredients must be used?
 - A, B and W
 - A, B and X
 - A, B and Z
 - A, C and X

9. If chemical B is rejected because of its possible side effects but it is decided to use chemical Z, which is a possible combination of the ingredients in the formula ?

- (1) A, W, X and Z (2) A, X, Y and Z
(3) A, W, Y and Z (4) A, C, W and Z

10. Which of the following combinations of chemicals is impossible?

- I. Using chemical Y and W together.
II. Using chemicals B and C together.
III. Using chemicals W, X and Z together.

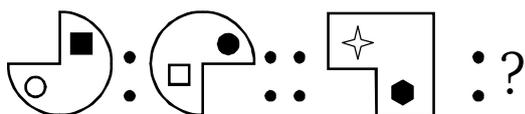
- (1) I only (2) II only
(3) I and III only (4) I and II only

11. Which of the following can never be true?

- I. If chemical C is used, chemical Z is added.
II. If chemical B is not used, chemical Y is added
III. If chemical C is used, chemical W is added

- (1) I, II and III (2) II only
(3) III only (4) I and II only

12. Complete the given analogy, by choosing the correct answer from the given alternatives.



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

13. If any two letters in the word PRISON have as many letters between them in the word as there are in the English alphabet, they form an alpha-pair. How many such alpha-pairs are there in the word PRISON ?

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

14. Find the missing number in the given figure –

4	2	8	7
6	3	6	6
5	1	5	3

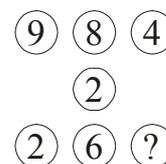
1	0	8	8
7	1	4	2
8	7	2	9

3	2	4	8
2	1	8	9
7	4	9	7

3	0	6	2
4	1	6	4
6	3	?	5

- (1) 3 (2) 0 (3) 2 (4) 6

15. Find the missing number in the given figure –



- (1) 6 (2) 8 (3) 7 (4) 9

Directions (Q.16 & Q.17) : Read the following information to answer the given questions :

A, B, C and D are to be seated in a row. But C and D cannot be together. Also, B cannot be at the third place.

16. Which of the following must be false ?

- (1) A is at the first place
(2) A is at the second place
(3) A is at the third place
(4) A is at the fourth place

17. If A is not at the third place, then C has which of the following options ?

- (1) The first place only
(2) The third place only
(3) The first and third place only
(4) Any of the places

18. Number of letters skipped in between adjacent letters in the series decreases by two. Which of the following series observes this rule?

- (1) EPVAF (2) GPWBE
(3) UCJOP (4) XFMQU

19. You are the manager of the department. You get to know that one of the subordinates is having a problem with his family, since his father is supposed to undergo bypass surgery. But at the same time the subordinate is very important for the current project which you have undertaken. The subordinate wants two-weeks' leave. What would you do ?

- (1) Give him your support by assuring him that his duty towards his father is more important
- (2) Not empathies with the employee's situation and ask him to stay
- (3) Get an extension for the project to be submitted as the employee is very efficient and you can't trust anyone else
- (4) Transfer the work to some other employee of similar calibre

Directions (Q.20 to Q.22) : In each of the following questions, two statements are given followed by three or four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

20. Statements :

Some clothes are marbles.
Some marbles are bags.

Conclusions :

- I. No cloth is a bag.
 - II. All marbles are bags.
 - III. Some bags are clothes.
 - IV. No marbles is a cloth.
- (1) Only either I or IV follows
 - (2) Only either I or II follows
 - (3) None follows
 - (4) Only either I or III follows

21. Statements :

All shares are debentures.
No debenture is equity.

Conclusions :

- I. No equity is a share.
 - II. Some debentures are shares.
 - III. No share is equity.
- (1) Only I follows (2) Only II follows
 - (3) Only III follows (4) All follows

22. Statements :

No box is a toy.
All Toys are blocks.

Conclusions :

- I. Some blocks are toys.
 - II. Some blocks are boxes.
 - III. No block is box.
- (1) Only I follows
 - (2) Only either II or III follows
 - (3) Only either II or III, and I follow
 - (4) None follows

23. The given problem consists of a question and three statements I, II and III given below it. Read all the statements carefully and seek all possible combinations which could be sufficient for answering the question. In which year was Tarun born ?

I. Tarun is six years older than Robin.
II. Robin's brother was born in 1982.
III. Tarun's brother is two years younger than Robin's brother who was eight years younger than him.

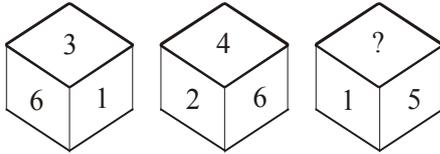
- (1) II and III only (2) I and III only
- (3) All I, II and III (4) I and II only

24. The figure given below show the four different position of a dice. Which letter will appear opposite to letter D ?



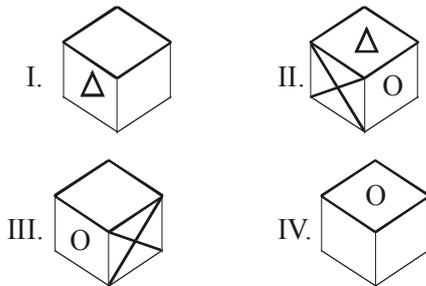
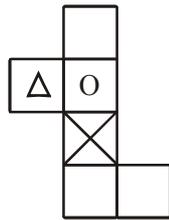
- (1) A (2) B (3) E (4) F

25. On the basis of the following figures you have to tell which number will come in place of “?”.



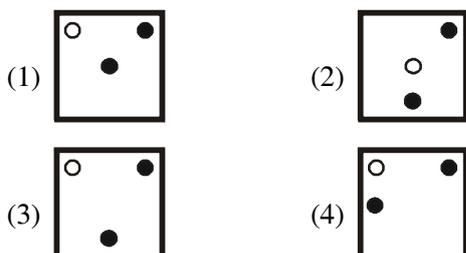
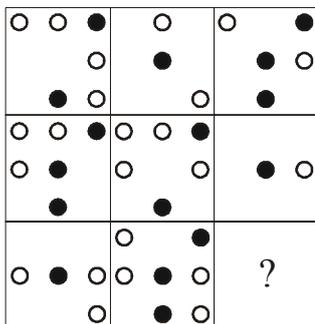
- (1) 2 (2) 3 (3) 6 (4) 4

26. In the following question, the figure is folded to form a box. Choose from among the alternatives the box or boxes that can be formed by folding the figure.



- (1) Only I (2) Both II and III
(3) Only IV (4) All I, II, III and IV

27. In the following question, find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix ?



28. $50 \times 50 \times 50 \times \dots$ (where there are a hundred 50s) is how many times of $100 \times 100 \times 100 \times \dots$ (where there are fifty 100s) ?

- (1) $25 \times 25 \times 25 \times \dots$ (where there are fifty 25s)
(2) $4 \times 4 \times 4 \times \dots$ (where there are fifty 4s)
(3) $2 \times 2 \times 2 \times \dots$ (where there are fifty 2s)
(4) None of these.

29. There are nine coins that are identical in appearance. One weighs more than the others, which have equal weight. With a balance scale to determine the coin that is heavier in only two weighings, how many coins on each side of the balance scale would you weigh first ?

- (1) 1 vs 1 (2) 2 vs 2
(3) 3 vs 3 (4) 4 vs 4

30. Inspector Jatin travelled from his police station for 400 metres. He then turned left and travelled 500 metres straight after which he turned left again and travelled for 400 metres straight. He then turned right and walked for another 600 metres straight. How far is he from the Police station?

- (1) 1.0 km (2) 1.1km
(3) 1.4 km (4) 1.8 km

Directions (Q.31 to Q.33) : Find the statement that must be true according to the given information.

31. On weekends, Mr. Sanchez spends many hours working in his vegetable and flower gardens. Mrs. Sanchez spends her free time reading and listening to classical music. Both Mr. Sanchez and Mrs. Sanchez like to cook.

- (1) Mr. Sanchez enjoys planting and growing vegetables.
(2) Mr. Sanchez does not like classical music.
(3) Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows.
(4) Mrs. Sanchez enjoys reading nineteenth century novels.

32. Sara lives in a large city on the East Coast. Her younger cousin Marlee lives in the Midwest in a small town with fewer than 1,000 residents. Marlee has visited Sara several times during the past five years. In the same period of time, Sara has visited Marlee only once.

- (1) Marlee likes Sara better than Sara likes Marlee.
- (2) Sara thinks small towns are boring.
- (3) Sara is older than Marlee.
- (4) Marlee wants to move to the East Coast.

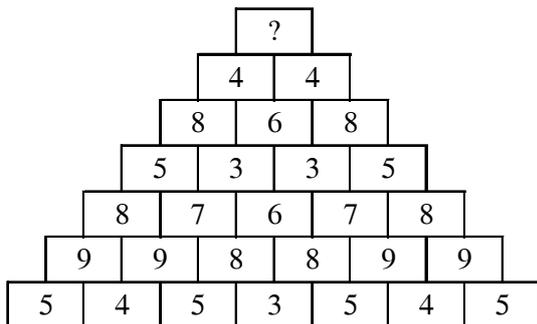
33. Four people witnessed a mugging. Each gave a different description of the mugger. Which description is probably right ?

- (1) He was average height, thin and middle-aged.
- (2) He was tall, thin and middle-aged.
- (3) He was tall, thin and young.
- (4) He was tall, of average weight and middle-aged.

34. A watch which gains 5 seconds in 3 minutes was set right at 7 a.m. In the afternoon of the same day, when the watch indicated quarter past 4 o'clock, the true time is :

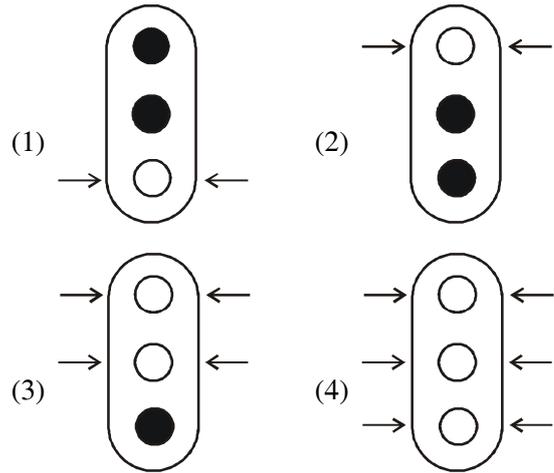
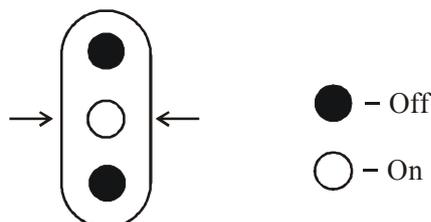
- (1) $59\frac{7}{12}$ min. past 3 (2) 4 p.m.
- (3) $58\frac{7}{11}$ min. past 3 (4) $2\frac{3}{11}$ min. past 4

35. What number should be in the top brick ?

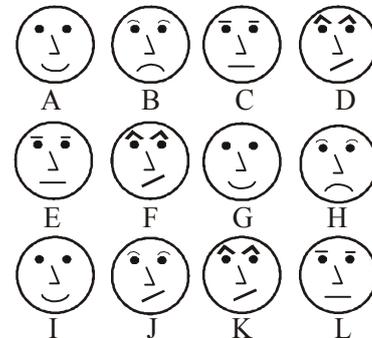


- (1) 4 (2) 5 (3) 6 (4) 8

36. What comes next after the top traffic light ?



37. Find the expression which is odd among the group.



- (1) F (2) H (3) J (4) L

38. Assuming three of these dates are correct, which one is wrong ?

- (1) 7th January 1764 – Saturday
- (2) 18th January 1764 – Wednesday
- (3) 23rd January 1764 – Sunday
- (4) 29th January 1764 – Sunday

Directions (Q.39 & Q.40) : In the following letter series, some of the letters are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.

- 39. a _ b b c _ a a b _ c c a _ b b c c
(1) bacb (2) acba (3) abba (4) caba
- 40. b a _ c b _ b _ b a b _
(1) acbb (2) bcaa (3) cabb (4) bacc

Directions (Q.41 to Q.45) : – Write which number in sequence replaces the question mark (?).

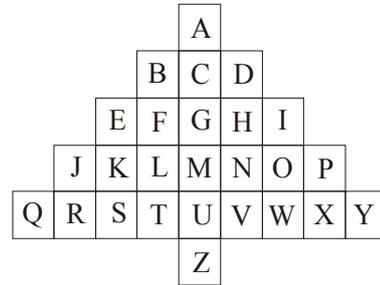
- 41. 2, 9, 28, 65, ?
(1) 121 (2) 195 (3) 126 (4) 103

42. 78, 79, 81, ?, 92, 103, 119
(1) 88 (2) 85 (3) 84 (4) 83
43. 2, 12, 36, 80, 150, ?
(1) 194 (2) 210 (3) 252 (4) 258
44. 1234, 1240, 1246, 1258, 1268, ?
(1) 1280 (2) 1284 (3) 1285 (4) 1290
45. 21, 23, 29, 47, 75, ?
(1) 87 (2) 92 (3) 99 (4) 110
46. Pramod is standing in the centre of the row of boys. Pradip is on the fourth place of left side of Pramod. Prasad is on the 8th place of right side of Pradip. Prasad is standing in the centre of Prasanna and Pramod. Then, how many boys are there to the left side of Prasad ?
(1) 12 (2) 15 (3) 17 (4) 8
47. In a row A is standing on the 11th place. B is standing on the 4th place of right side of A. C is standing on the 12th place before B. So what will be the position number of boy standing between C and A ?
(1) 5th (2) 8th (3) 6th (4) 7th
48. In a row Manoj is last but second. Ramesh is standing before him after three students. Suresh is standing on 7th place before Ramesh. The place of Suresh is 5th in a row, so what is the total No. of students in a row ?
(1) 13 (2) 16 (3) 14 (4) 17
49. In a code language :
CAR = 234
FAT = 256
TOC = 468
Then 'F' = ?
(1) 6 (2) 2 (3) 5 (4) 4

Directions (Q.50 & Q.51) : Choose and substitute the correct set of signs in place of (*) star, selecting from the given alternatives to make the equations meaningful :

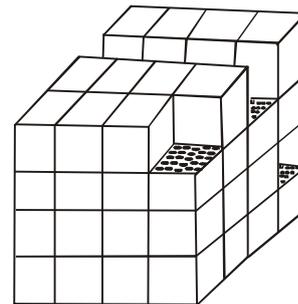
50. $48 * 5 * 9 * 3$
(1) +, ×, = (2) =, +, × (3) ×, +, = (4) =, ×, +
51. $35 * 7 * 6 * 3 * 10$
(1) +, -, =, × (2) =, ×, +, -
(3) -, +, ×, = (4) =, ×, -, +

Directions (Q.52 to Q.54) : The following questions based on the letters arranged in a pyramid. Study the pattern and find the missing set of letters in the pyramid.



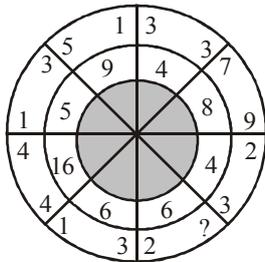
52. R K F : Q J E :: ? : Y P I
(1) S L G (2) Y X W
(3) X O H (4) I O W
53. B C D : F G H :: L M N : ?
(1) K L M (2) S T U
(3) V W X (4) T U V
54. J K S : P O W :: L M U : ?
(1) P X Y (2) N M U
(3) K L T (4) O N V

Directions (Q.55 to Q.59) :- Observe the solid and answer the questions.

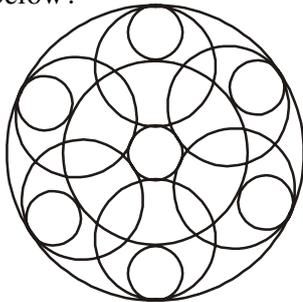


55. How many cubes are there ?
(1) 55 (2) 60 (3) 64 (4) 63
56. How many cubes are there in the 2nd layer from the top ?
(1) 12 (2) 14 (3) 16 (4) 18
57. How many cubes are there in the 2nd layer from the bottom ?
(1) 12 (2) 14 (3) 16 (4) 18

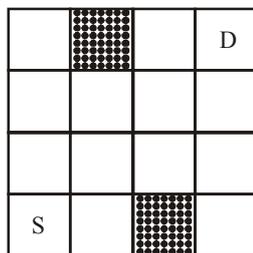
58. How many minimum number of cubes are required to make a larger cube ?
 (1) 7 (2) 8 (3) 9 (4) 10
59. How many cubes are there, whose we can see only three surfaces from all sides ?
 (1) 7 (2) 9 (3) 10 (4) 12
60. Find the missing number in the given figure.



- (1) 6 (2) 7 (3) 8 (4) 9
61. What is the total number of circles in the figure given below?



- (1) 13 (2) 14 (3) 15 (4) 16
62. From each box you can move only to the immediate right box or the immediate top box. You cannot move into or through a shaded box. How many ways are there to move from the box marked S to the box marked D?

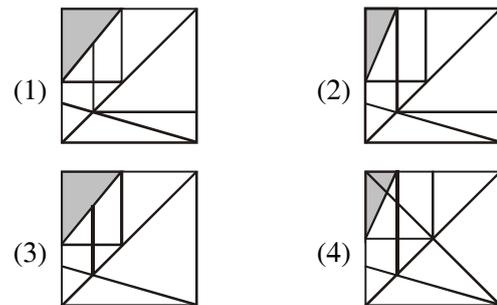
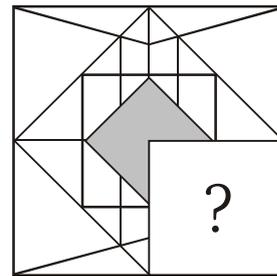


- (1) 8 (2) 10 (3) 12 (4) 14
63. Fact 1 : Ravneet said, "Mehtar and I both have goats."
 Fact 2 : Mehtar said, "I don't have a goat."
 Fact 3: Ravneet always tells the truth, but Mehtar sometimes lies.

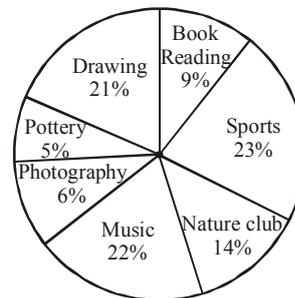
If the three statements are facts, which of the following statements must also be facts ?

- I. Mehtar has a goat.
 II. Ravneet has a goat.
 III. Mehtar is lying.
- (1) II only (2) I and II only
 (3) I, II and III (4) II and III only

64. Identify the figure that completes the pattern.



Directions (Q.65 & Q.66) : Study the pie chart and information given below and answer the following questions. There are 1150 students of a school opted sports as a hobby.



65. How many students have book reading as a hobby ?
 (1) 390 (2) 420 (3) 440 (4) 450
66. What is the total number of students in the school ?
 (1) 4990 (2) 5000 (3) 5050 (4) 5100

Direction (Q.67 to Q.70) : Study the following information carefully and answer the questions follows:

Eight people Pawan, Qureshi, Rashid, Sonam, Tarikh, Veer, Wasim and Yogesh like eight different fruits - Papaya, Grapes, Mango, Pomegranate, Guava, Banana, Cherry and Watermelon but not necessarily in same order. They also like different cars namely Audi, BMW, Mercedes, Honda, Swift, Maruti, Ertiga and Xylo but not necessarily in the same order.

Rashid doesn't like Xylo car but likes Banana. Pawan and Tarikh don't like Mercedes car. Pawan doesn't like Papaya. Yogesh doesn't like Watermelon, but likes Honda car. Qureshi's favourite car is Ertiga. Veer likes Pomegranate. Sonam likes Mango and his favourite car is Maruti. The one who likes Grapes has Mercedes. The one who has swift likes Papaya. The one who like Guava likes Audi car.

- 67.** Which person likes BMW?
 (1) Qureshi (2) Sonam
 (3) Yogesh (4) Rashid
- 68.** Which of the following statement is true?
 (1) Tarikh likes Mango and has Swift.
 (2) The one who has Maruti likes Banana.
 (3) The one who likes Cherry has Honda car.
 (4) The one who likes Mango has swift.
- 69.** Which of the following combination is true for given people?
 (1) Yogesh-Mango-Honda
 (2) Veer-Cherry-Xylo
 (3) Pawan-Guava-Audi
 (4) Tarikh-Papaya-BMW
- 70.** Which person likes Xylo?
 (1) Qureshi (2) Veer
 (3) Yogesh (4) Rashid

Directions (Q.71 & Q.72) : In each of the following questions contains a pair of terms on the left side of (: :), which exhibit a certain relation between them. Find the term which exhibits similar relations with the term in the right side of (: :).

- 71.** 6 : 30 :: 10 : ?
 (1) 110 (2) 90 (3) 80 (4) 125
- 72.** 12 : 3 :: 30 : ?
 (1) 5 (2) 6 (3) 7 (4) 9

- 73.** In a certain language CALCUTTA is coded as GEPGYXXE, which word would be coded as FSQFCE ?
 (1) BOMBAY (2) BOMYAB
 (3) BOBAYM (4) BOMBYA
- 74.** If PAINTER is written in a code language as NCGPRGP, then REASON would be written as
 (1) PCYQMN (2) PGYQMN
 (3) PGYUMP (4) PGYUPM
- 75.** In a certain code, if TREE is coded as 7100, FROG as 2159, how is FREE coded in that code ?
 (1) 2100 (2) 3100 (3) 1003 (4) 1002
- 76.** Suppose you have a 12-hour digital clock where the number representing the hour is always the same as the number representing the minute. That is, the clock can only show times like 8:08, 9:09, 10:10, etc. What is the smallest time difference between two such times ?
 (1) 101 minutes (2) 61 minutes
 (3) 60 minutes (4) 49 minutes
- 77.** A watch showed 5 past 5 o'clock on Wednesday evening when the correct time was 5:00 PM. It loses uniformly, and was 5 min slow after two days at 7:00 PM. When did the watch show the correct time ?
 (1) Thursday 6:00 AM
 (2) Thursday 6:00 PM
 (3) Thursday 6:30 PM
 (4) Thursday 5:00 AM
- 78.** If A + B means A is the brother of B, A - B means A is the father of B, A × B means A is the wife of B, then P × R - S + T means
 (1) P is the mother of T
 (2) T is the sister of P
 (3) R is the grand father of T
 (4) T and R are sisters

79. If $P + Q$ means P is Husband of Q, $P \div Q$ means P is sister of Q and $P \times Q$ means P is son of Q then which means A is daughter of B?

- (1) $A + D \times B$ (2) $D \times B \div A$
(3) $B + C \times A$ (4) $A \div D \times B$

Directions (Q.80 & Q.81) : In each of the following questions contains a pair of terms on the left side of (: :), which exhibit a certain relation between them. Find the term which exhibits similar relations with the term in the right side of (: :).

80. ACF : EDG :: IEH : ?

- (1) NFI (2) MDG (3) OFI (4) LMN

81. GERM : MERG :: STAR : ?

- (1) TSRA (2) RTSA (3) RTAS (4) TARS

82. If the letters of the word ARTICULATES can be used as many times as one wants to use, then which one of the following four words cannot be formed ?

- (1) ARTICLE (2) CUTE
(3) LATER (4) COURTS

83. Number of letters skipped in between the adjacent letters are increased by one. Which of the following alternative observe this rule ?

- (1) ACFJQ (2) KMPTY
(3) HQXCF (4) AELPZ

Directions (Q.84 to Q.86) : In the following questions some relations are written by particular indicators as shown below –

\times = Greater than;

\square = Not less than;

\div = Not equal to;

ϕ = Equal to;

$+$ = Not greater than;

Δ = Less than.

Find out the correct answer for each question.

84. If $x \Delta y \div z$, it is not possible –

- (1) $x \div y \phi z$ (2) $x + y \times z$
(3) $x \div y \times z$ (4) $x \Delta y \square z$

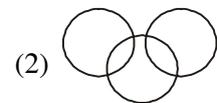
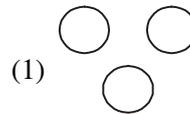
85. If $x \square y \square z$, it is not possible –

- (1) $x \phi y \div z$ (2) $x \div y + z$
(3) $x + y \square z$ (4) $x + y \Delta z$

86. If $x \phi y \times z$, it is possible –

- (1) $x \times y \Delta z$ (2) $x \phi y + z$
(3) $x \phi y \square z$ (4) $x \Delta y \div z$

Directions (Q.87 & Q.88) : Given below are five diagrams, one of which describes the relationship among the three classes given in each of the five questions that follow. You have to decide, which of the diagrams is the most suitable for a particular set of classes. The number of that diagram is your answer.



87. Mother, Nurse, Teacher

88. CD, CPU, Keyboard

Direction (Q.89 & Q.90) : Find the odd term in the given questions :

89. (1) 98 (2) 120 (3) 72 (4) 108

90. (1) 37 : 7 (2) 82 : 10
(3) 168 : 13 (4) 197 : 15

91. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

- (1) Rs. 375 (2) Rs. 400
(3) Rs. 600 (4) Rs. 800

92. In the following problem, there is one question, and three statements I, II and III given below the questions. You have to decide whether the data given in the statements is sufficient to answer the question. Read all the statements carefully and find which of the statements is/are sufficient to answer the given question. Choose the correct alternative in the given question.
- What is Ravi's present age?
- I. The present age of Ravi is half of that of his father.
- II. After 5 years, the ratio of Ravi's age to that of his father's age will be 6 : 11.
- III. Ravi is 5 years younger than his brother.
- (1) I and II only (2) II and III only
 (3) I and III only (4) All I, II and III
93. In a mixture 60 litres, the ratio of milk and water 2 : 1. If this ratio is to be 1 : 2, then the quantity of water to be further added is:
- (1) 20 litres (2) 30 litres
 (3) 40 litres (4) 60 litres
94. In the question below, some statements are given followed by some conclusions. You have to decide which of the following conclusions logically follows from the given statements. Give answer.
- Statements:** $A > B$, $B \geq C$, $C < D$
- Conclusions:**
- I. $A > C$
 II. $A = C$
- (1) Only I is true
 (2) Only II is true
 (3) Either I or II true
 (4) Neither I nor II is true
95. At what time, in minutes, between 3 o'clock and 4 o'clock, both the needles will coincide each other?
- (1) $5\frac{1}{11}$ " (2) $12\frac{4}{11}$ "
 (3) $13\frac{4}{11}$ " (4) $16\frac{4}{11}$ "
96. Neha travelled from a point X straight to point Y at a distance of 50 meters. He turned to his right and walks 50 meter more, then again turned right and walks 60 meter. Finally, he turned to right and walks 50 meters. How far is he from the starting point?
- (1) 10 m (2) 20 m (3) 30 m (4) 40 m
97. In a class of 75 students, where boys are twice that of girls. Dhanuja ranked thirteenth from top. If there are four girls ahead of Dhanuja, how many boys are after her in rank?
- (1) 40 (2) 46 (3) 42 (4) 44
98. Study the following information carefully and answer the question given below:
 Seven persons - Kajal, Bhagat, Mandeep, Kiran, Rinku, Pranav and Shreya have different height and weight such that the tallest one is not the heaviest one.
 Kiran is taller than Kajal but not heavier than Shreya. Bhagat is heavier than Rinku but not as much tall as Mandeep. Pranav is heavier than Bhagat and Rinku but shorter than Mandeep and Bhagat. Kiran is not taller than Pranav. Shreya is not taller than Kajal and also not heavier than Rinku. Kajal is not lighter than Mandeep who is heavier than Bhagat. Mandeep is shorter than only one person. Pranav is not the second heaviest and is lighter than Mandeep.
 How many person(s) are heavier than the one who is second shortest?
- (1) None (2) One (3) Two (4) Three
- Direction : (Q.99 & 100).** These questions are based on the following arrangement of letters/numbers/symbols. Study them carefully and answer the questions given beside.
- 5 H β 3 % T I L 4 \$ E 6 F 1 R M @
 A # B D 2 8 U & C
99. If first five and the last five elements are written in reverse order, how many symbols are there that will be immediately followed by a letter?
- (1) Five (2) Two (3) Three (4) Four
100. How many such numbers are there in the above arrangement each of which is immediately followed by a symbol and also immediately preceded by a letter?
- (1) One (2) Two (3) Three (4) Four