

SOLVED PAPER 2026

Class - 6th

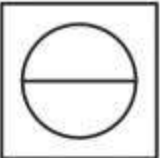
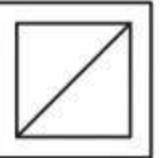
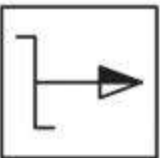
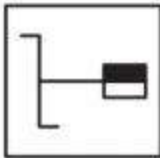
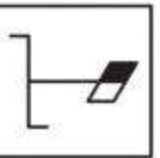
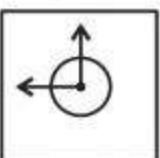
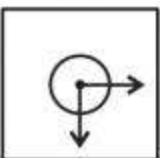
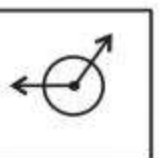
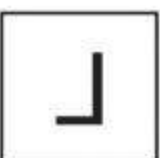
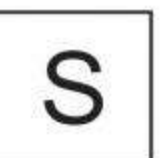
Jawahar Navodaya Vidyalaya (Entrance Exam)

Examination - 13 December 2025

SECTION-1: MENTAL ABILITY TEST

PART-I

DIRECTIONS: In Question Nos. 1 to 4, four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the number corresponding to the question.

1.    
(A) (B) (C) (D)
2.    
(A) (B) (C) (D)
3.    
(A) (B) (C) (D)
4.    
(A) (B) (C) (D)

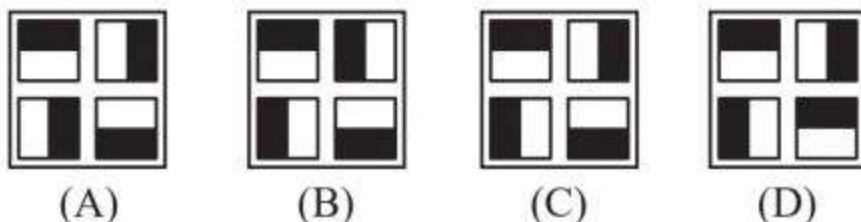
PART-II

DIRECTIONS: In Question Nos. 5 to 8, a question figure is given in question figure and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which is exactly the same as the question figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

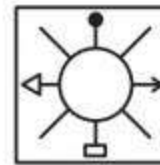
5. Question Figure



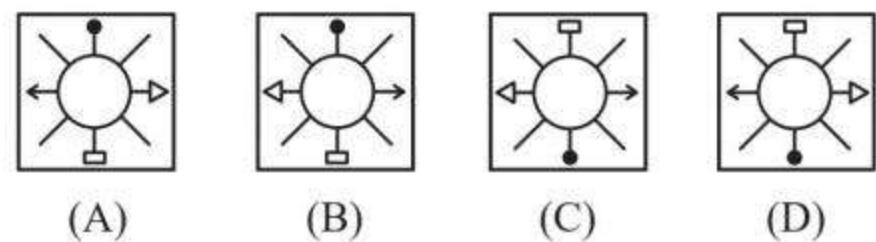
Answer Figures



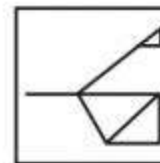
6. Question Figure



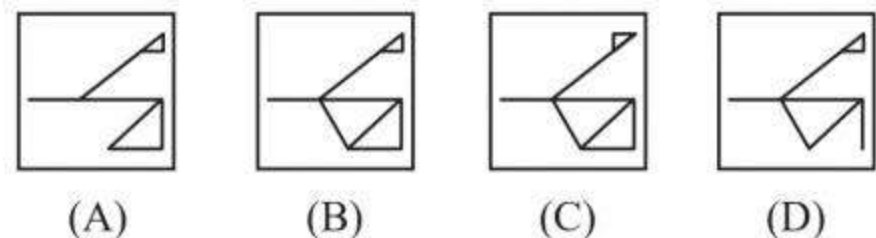
Answer Figures



7. Question Figure



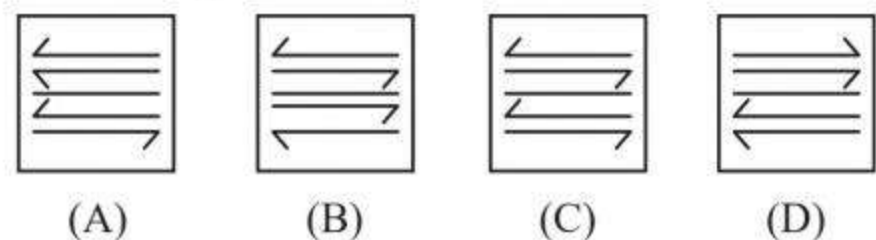
Answer Figures



8. Question Figure



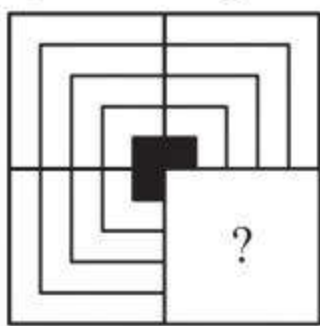
Answer Figures



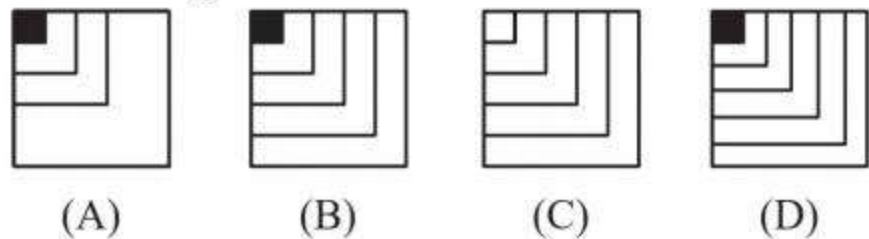
PART-III

DIRECTIONS: In Question Nos. 9 to 12, there is a question figure, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) and find out the answer figure which, without changing the direction, fits in the missing part of the question figure in order to complete the pattern in the question figure. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

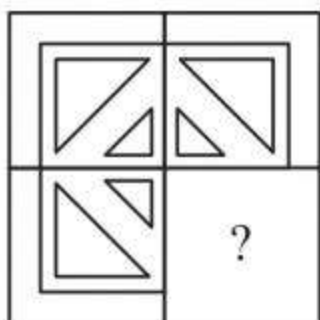
9. Question Figure



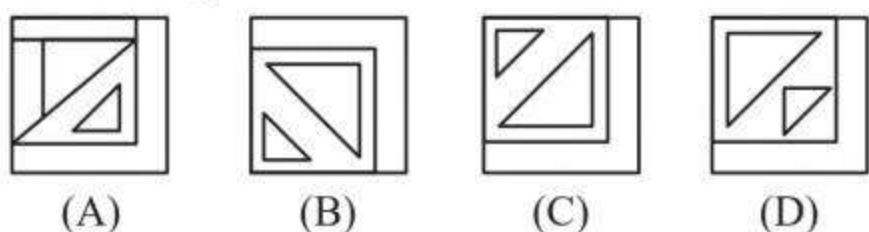
Answer Figures



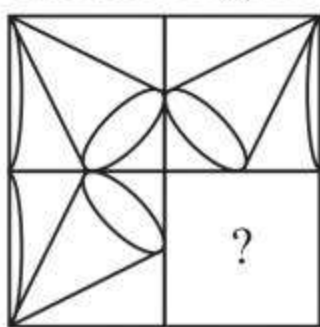
10. Question Figure



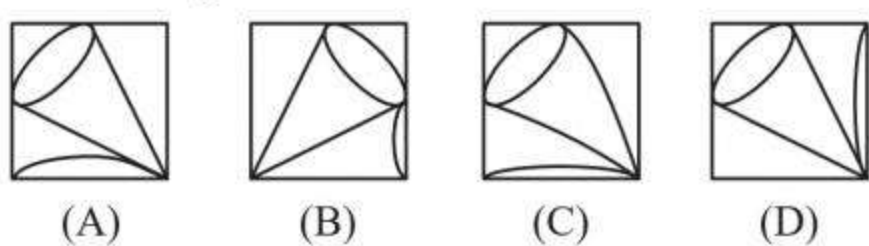
Answer Figures



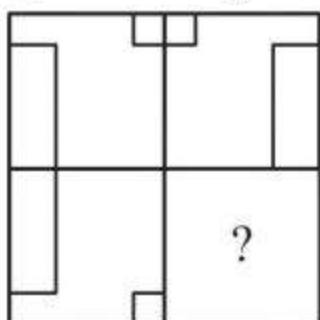
11. Question Figure



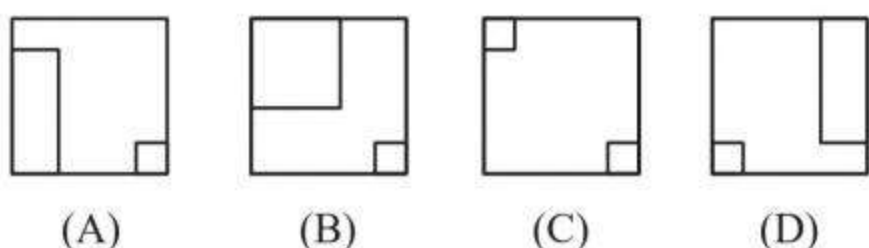
Answer Figures



12. Question Figure



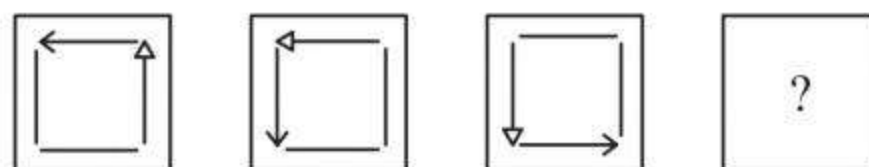
Answer Figures



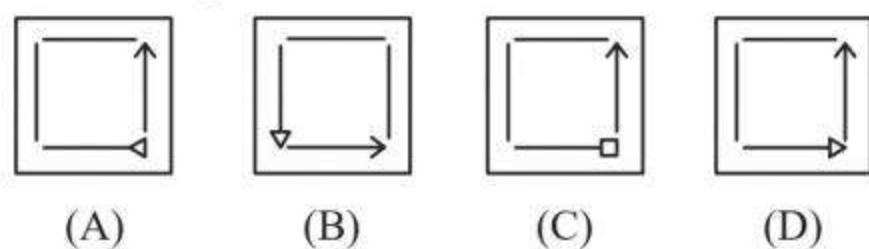
PART-IV

DIRECTIONS: In Question Nos. 13 to 16, there are three question figures and the space for the fourth figure is left blank. The question figures are in a series. Find out one figure from among the answer figures (A), (B), (C) and (D) which occupies the blank space for the fourth figure to complete the series and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

13. Question Figures



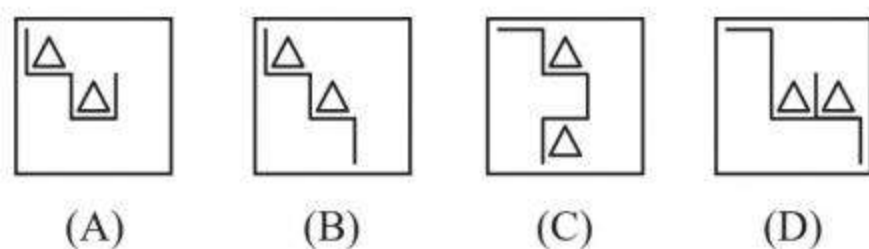
Answer Figures



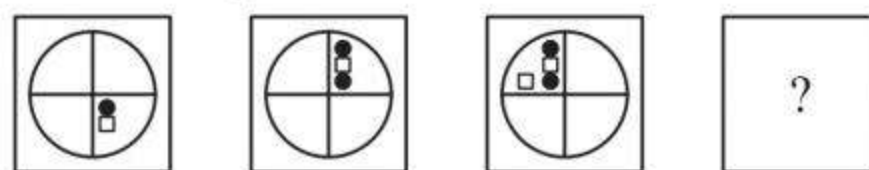
14. Question Figures



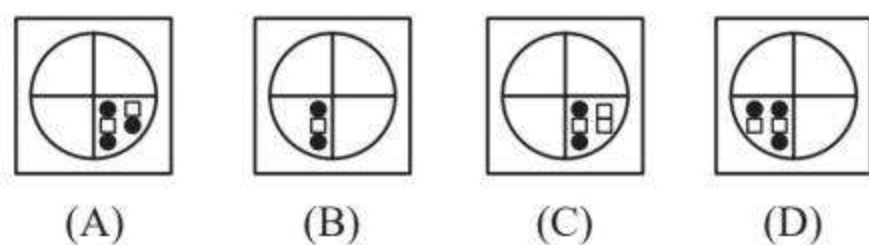
Answer Figures



15. Question Figures



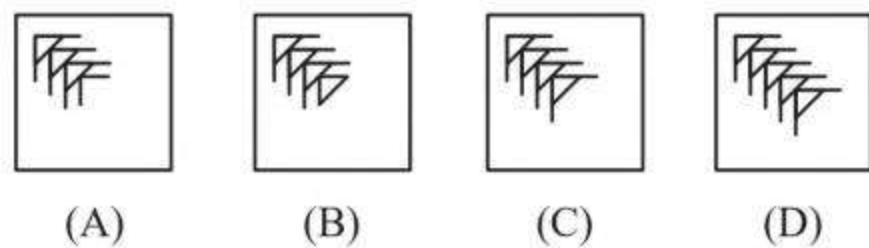
Answer Figures



16. Question Figures



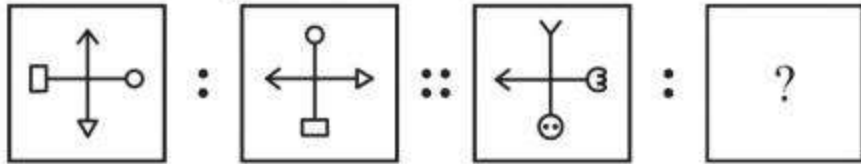
Answer Figures



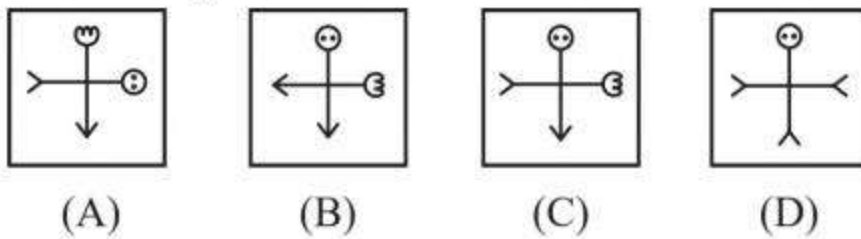
PART-V

DIRECTIONS: In Question Nos. 17 to 20, there are two sets of two question figures each. The second set has an interrogation mark (?). There exists a relationship between the first two question figures. Similar relationship should exist between the third and the fourth question figure. Select one of the answer figures which replaces the mark of interrogation. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

17. Question Figures



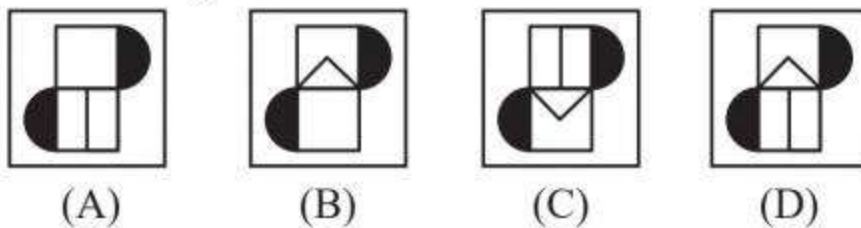
Answer Figures



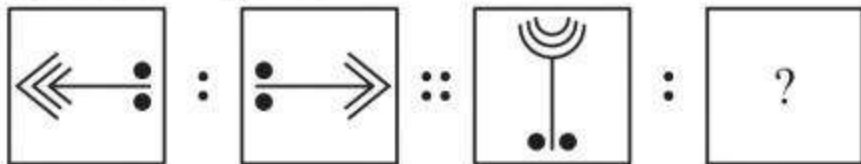
18. Question Figures



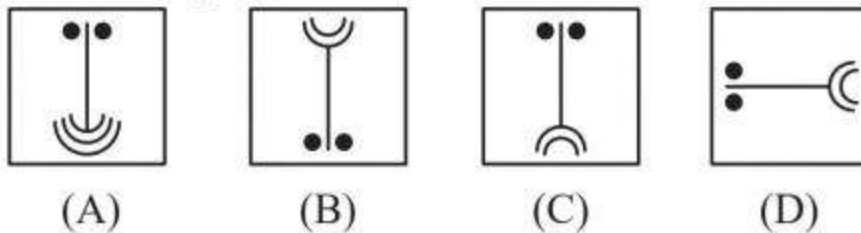
Answer Figures



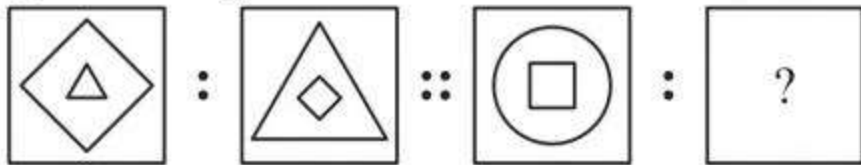
19. Question Figures



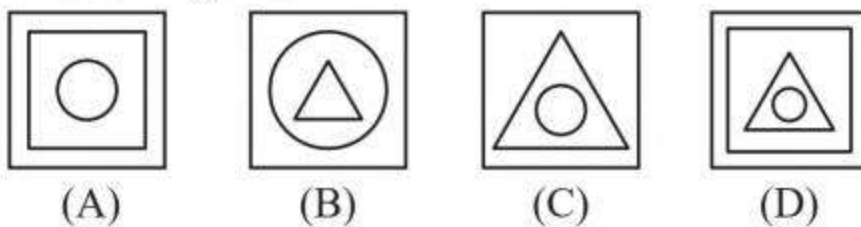
Answer Figures



20. Question Figures



Answer Figures

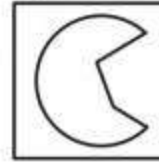


PART-VI

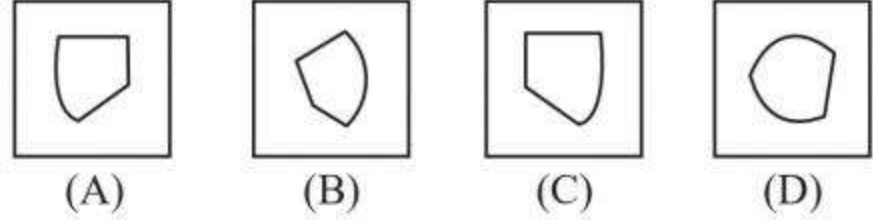
DIRECTIONS: In Question Nos. 21 to 24, one part of a geometrical figure (Triangle, Square, Circle) is question figure and the other one is among the four answer figures (A), (B), (C) and (D). Find the figure that completes the geometrical figure and

darken the circle in the OMR Answer Sheet against the number corresponding to the question.

21. Question Figure



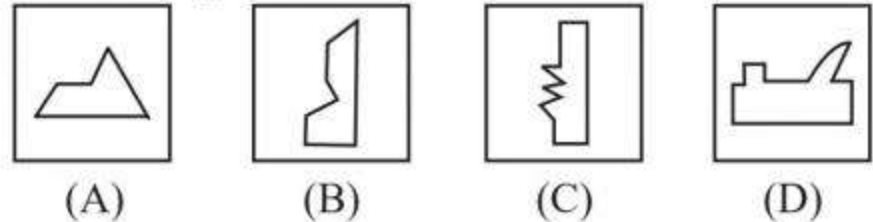
Answer Figures



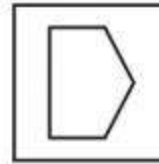
22. Question Figure



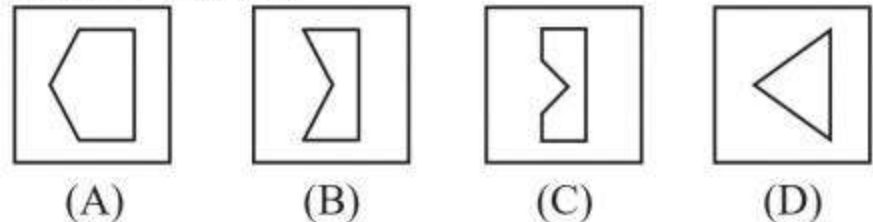
Answer Figures



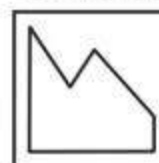
23. Question Figure



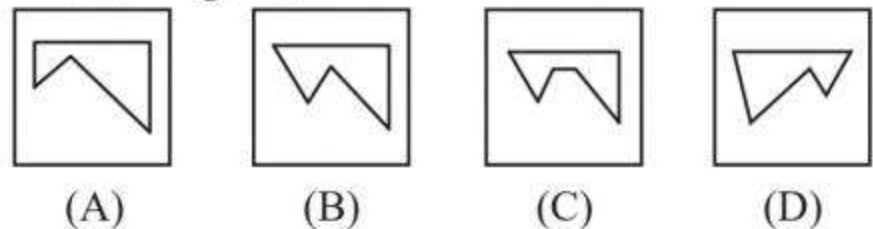
Answer Figures



24. Question Figure



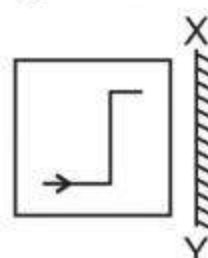
Answer Figures



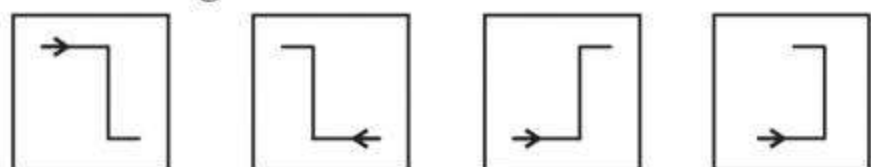
PART-VII

DIRECTIONS: In Question Nos. 25 to 28, there is a question figure given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which is exactly the mirror image of the question figure when the mirror is held at XY. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

25. Question Figure

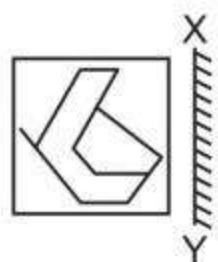


Answer Figures

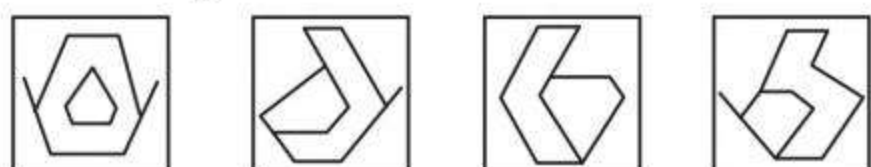


(A) (B) (C) (D)

26. Question Figure

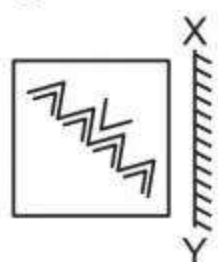


Answer Figures

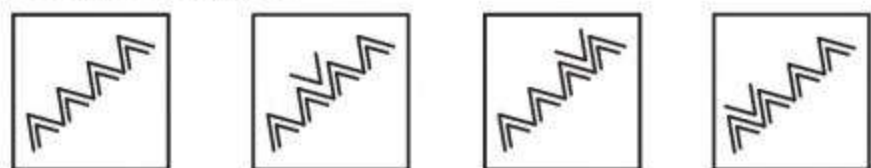


(A) (B) (C) (D)

27. Question Figure

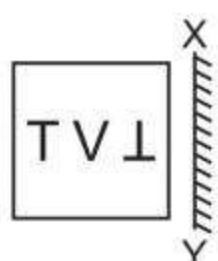


Answer Figures

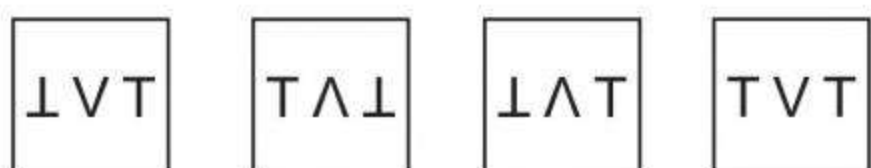


(A) (B) (C) (D)

28. Question Figure



Answer Figures

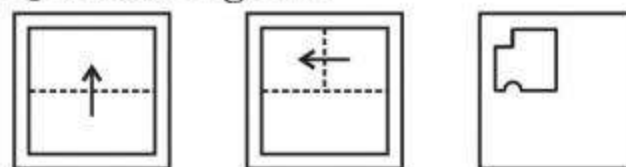


(A) (B) (C) (D)

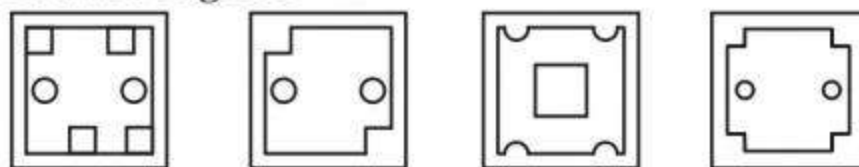
PART-VIII

DIRECTIONS: In Question Nos. 29 to 32, a piece of paper is folded and punched as shown in the question figures, and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which indicates how the paper will appear when opened (unfolded). Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

29. Question Figures

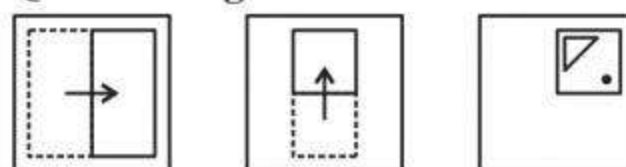


Answer Figures

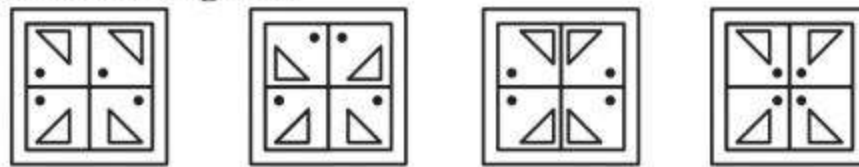


(A) (B) (C) (D)

30. Question Figures

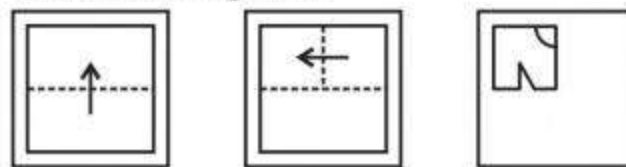


Answer Figures

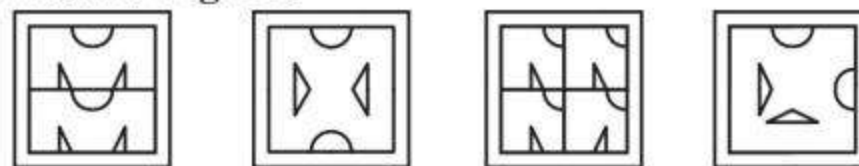


(A) (B) (C) (D)

31. Question Figures

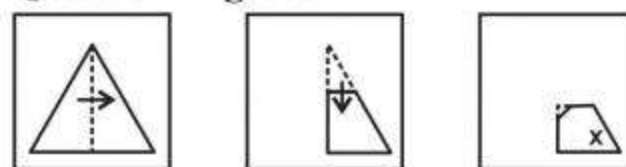


Answer Figures

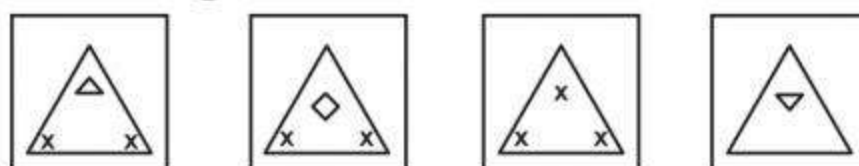


(A) (B) (C) (D)

32. Question Figures



Answer Figures

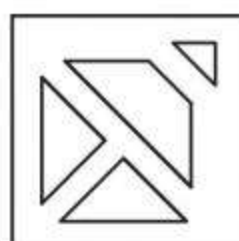


(A) (B) (C) (D)

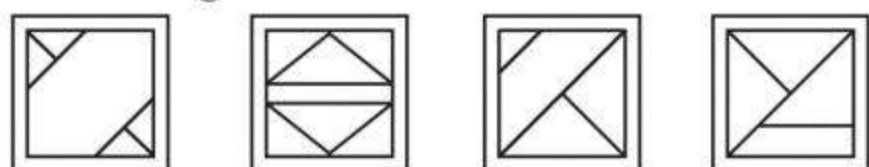
PART-IX

DIRECTIONS: In Question Nos. 33 to 36, a question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which can be formed from the cut-out pieces given in the question figure. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

33. Question Figure

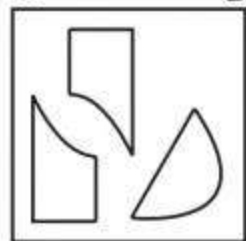


Answer Figures

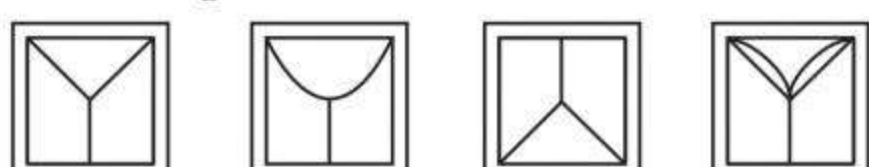


(A) (B) (C) (D)

34. Question Figure

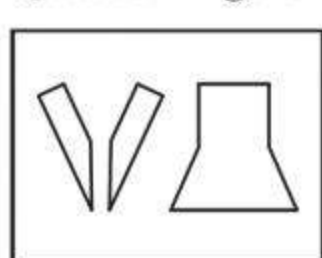


Answer Figures



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

35. Question Figure

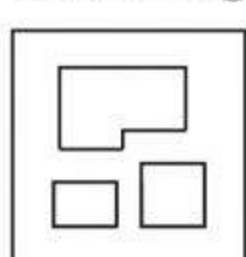


Answer Figures



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

36. Question Figure



Answer Figures

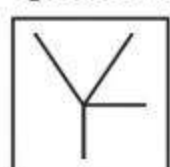


(A) (B) (C) (D)

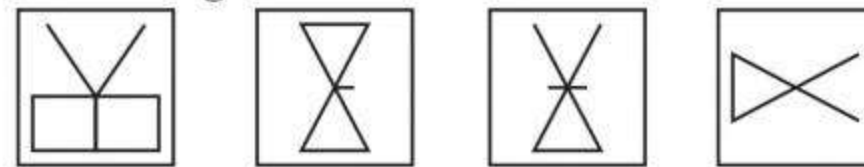
PART-X

DIRECTIONS: In Question Nos. 37 to 40, a question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure in which the question figure is hidden/embedded. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

37. Question Figure

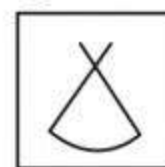


Answer Figures

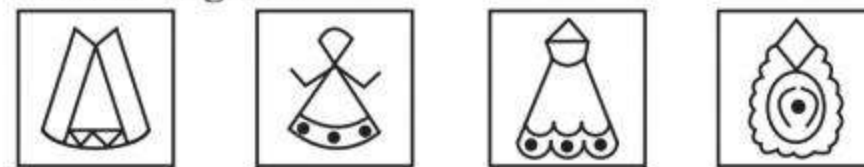


(A) (B) (C) (D)

38. Question Figure



Answer Figures

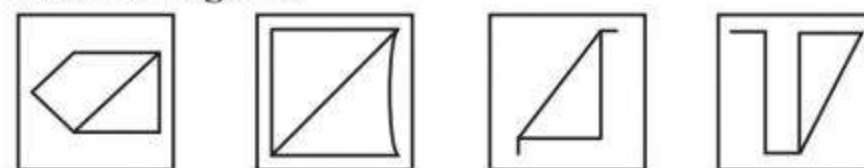


(A) (B) (C) (D)

39. Question Figure



Answer Figures

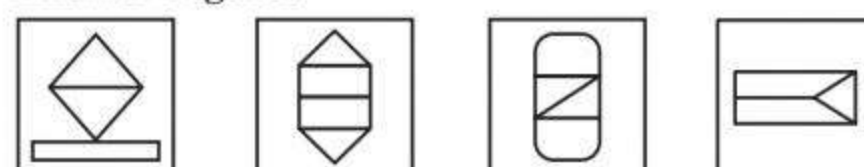


(A) (B) (C) (D)

40. Question Figure



Answer Figures

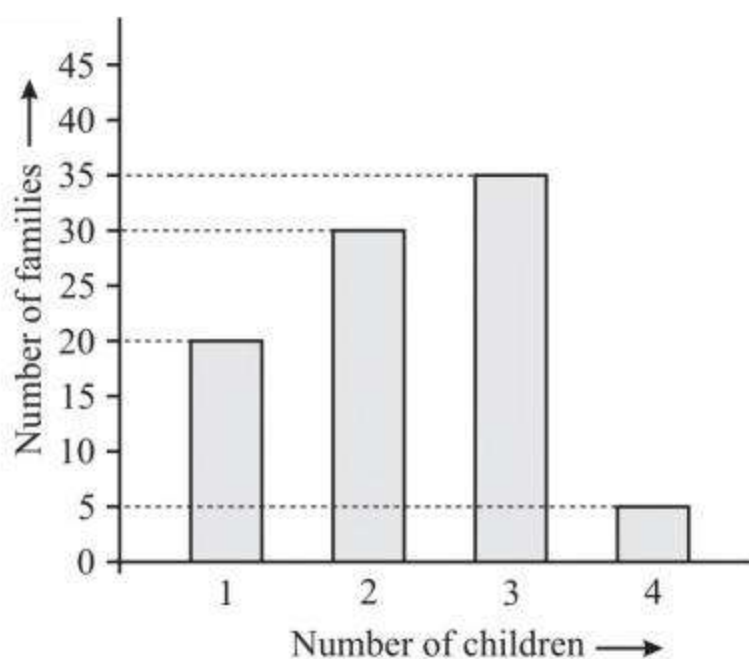


(A) (B) (C) (D)

SECTION-2: ARITHMETIC TEST

DIRECTIONS: For every question, four probable answers as (A), (B), (C) and (D) are given. Only one out of these is correct. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

41. The length of the 5th side of a pentagon, with perimeter 80 cm and the sum of lengths of whose four sides is 63 cm, is:
(A) 12 cm (B) 13 cm (C) 15 cm (D) 17 cm
42. A complete angle is equal to:
(A) 1 right angle (B) 2 right angles
(C) 3 right angles (D) 4 right angles
43. The sum of all interior angles of a rectangle is equal to:
(A) 360° (B) 90° (C) 270° (D) 180°
44. In a survey of 115 families, the number of children in each family was recorded and the data has been represented by the bar graph. From the bar graph, the number of families having no child is:



- (A) 10 (B) 20 (C) 25 (D) 40
45. How many prime numbers are there between 1 and 11?
(A) 5 (B) 4 (C) 6 (D) 3
46. The product of 999 and 9999 is:
(A) 999999 (B) 999001 (C) 9989001 (D) 899991
47. The product of 0.2 and 0.03 is:
(A) 0.006 (B) 0.06 (C) 0.6 (D) 6
48. The sum of all factors of 64 is:
(A) 125 (B) 126 (C) 127 (D) 128
49. The greatest common factor of 20 and 30 is:
(A) 5 (B) 8 (C) 10 (D) 25
50. The following, on simplification, gives $6.082 + 60.82 + 608.2 - 0.6082$
(A) 674.102 (B) 674.4938
(C) 675.1022 (D) 675.5916
51. $0.1 \times 0.1 \times 0.1$ is equal to:
(A) 0.1 (B) 0.001 (C) 0.01 (D) 1.000
52. $\frac{3}{2} \div \frac{3}{2} \times 2 + \frac{3}{2}$ is equal to:
(A) 2 (B) 6 (C) $\frac{7}{2}$ (D) $\frac{2}{7}$
53. $\frac{999}{1000}$ in decimal form is:
(A) 0.0999 (B) 9.99 (C) 0.999 (D) 0.00999
54. 0.238 is equal to the fraction:
(A) $\frac{119}{500}$ (B) $\frac{238}{25}$ (C) $\frac{119}{25}$ (D) $\frac{119}{50}$
55. 100 cm^2 converted to m^2 (metre square) is:
(A) 0.1 m^2 (B) 0.01 m^2 (C) 1 m^2 (D) 10 m^2
56. A train left Delhi for Jaipur at 10:45 a.m. and reached Jaipur at 3:30 p.m. The time of the journey is:
(A) 7 hours 15 minutes (B) 4 hours 45 minutes
(C) 4 hours 30 minutes (D) 2 hours 15 minutes
57. The missing number in the given expression $58394 - 86 - 86 = \underline{\hspace{2cm}} \times 86$ is:
(A) 677 (B) 687 (C) 680 (D) 681
58. There were 500 eggs in a box. $\frac{3}{25}$ of them broke and $\frac{1}{5}$ of the total are to be kept for the guests. The number of eggs which can be used is:

(A) 60 (B) 100 (C) 340 (D) 440

59. A shopkeeper bought a wall clock for ₹ 200 and sold it at a profit of ₹ 40. The selling price of the wall clock is:
(A) ₹ 220 (B) ₹ 230 (C) ₹ 240 (D) ₹ 250
60. A fruit seller bought apples for ₹ 1,500 and spent ₹ 100 in bringing the apples to his shop. He sold these apples for a total of ₹ 2,236. How much profit did he earn?
(A) ₹ 630 (B) ₹ 636 (C) ₹ 640 (D) ₹ 642

SECTION-3: LANGUAGE TEST

DIRECTIONS: There are four passages in this section. Each passage is followed by five questions. Read each passage carefully and answer the questions that follow. For each question, four probable answers as (A), (B), (C) and (D) are given. Only one out of these is correct. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

PASSAGE-1

Flowers are useful to us in many ways. Flowers come in different colours and shapes. They are a symbol of beauty. Flowers are used in religious worship. Bouquets of flowers are given to show love and appreciation. Flowers are strung as garlands and used to adorn deities and honour celebrities. Flowers are arranged in vases to add beauty to our living environment.

Flowers have practical uses too. They are used to make perfumes, tea and cosmetic products. Certain flowers are used as medicines. In short, flowers are important because they have a positive impact on the body and the mind.

61. Flowers are _____ to us in many ways.
(A) given (B) useful (C) sold (D) harmful
62. Flowers are found in _____.
(A) different shapes
(B) many colours
(C) different colours and shapes
(D) a uniform size
63. The practical uses of flowers are:
(A) making tea, perfumes and cosmetic products
(B) arranging in vases
(C) making garlands
(D) praying and worshipping
64. _____ flowers are used to make medicines.
(A) All (B) Some (C) Colourful (D) Small
65. The word 'impact' means:
(A) force (B) effect (C) act (D) hit

PASSAGE-2

Sonam was staring at the new cycle on display at the shop. She was amazed to see the new shiny red cycle. Her father noticed it and said to her, 'Come along, we need to get going.' Sonam had a last look at the cycle and followed her father. She went to bed thinking about the shiny, red cycle. The next day she kept talking about the cycle to her friends in school. When she returned home, she noticed a new cycle parked near the gate. She screamed in joy calling out to her mother. Her parents came out smiling and told

her that it was her birthday gift and gave her the cycle. Sonam was delighted and hugged her parents happily.

66. Sonam went with her _____ to a shop.
(A) uncle (B) father (C) brother (D) friends
67. Sonam was attracted by the shiny _____ cycle in the shop.
(A) red (B) green (C) yellow (D) black
68. Sonam's parents presented her the new red cycle:
(A) as her birthday gift.
(B) for her success in the exams.
(C) because she liked it.
(D) because she did not have a cycle.
69. Sonam showed her happiness by:
(A) hugging her parents.
(B) thanking her parents.
(C) running around the cycle.
(D) jumping with joy.
70. The word 'amazed' means the same as:
(A) remembered (B) surprised
(C) shocked (D) afraid

PASSAGE-3

Caged behind thick glass, the most famous dancer in the world cannot be missed in the National Museum, Delhi. The Dancing Girl of Mohenjo-daro is a rare artefact made of bronze. Our school textbooks also communicate a wealth of our 5000 years' heritage of art.

A series of bangles of shell, ivory or thin metal adorn her left upper arm down to her fingers. It is a modern art with a necklace with three pendants bunched together and a few bangles above the elbow and wrist on her right hand.

She speaks of the fearless human spirit and reminds us of the impact that a work of art leaves on our senses.

71. 'The Dancing Girl' is caged behind thick glass because _____.
(A) it is a rare artefact
(B) she is the most famous dancer
(C) it is adorned with expensive gemstones
(D) she is fearless
72. The 'pendants' are a part of _____.
(A) bangles (B) necklace
(C) wristbands (D) bands worn on elbows
73. Read statement I and II and choose the correct option from the ones given below:
I. Her bangles are made of shell or thin metal.
II. She wears a necklace made of ivory.
(A) I is true, but II is false.
(B) II is true, but I is false.
(C) Both I and II are true.
(D) Both I and II are false.
74. Which of the following is not a synonym of 'fearless'?
(A) timid (B) bold (C) valiant (D) courageous
75. The word 'artefacts' means _____.
(A) facts about art
(B) pieces of art made by man
(C) objects dug from the earth
(D) statues made of bronze

PASSAGE-4

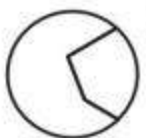
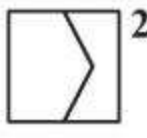
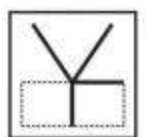
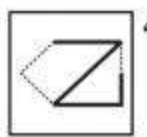
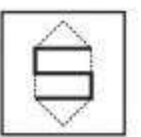
Today, giant pandas are found only in the bamboo forests of Central China and in small numbers in Tibet. Bamboo forests provide them food, shelter, as well as safety. Giant pandas spend most of their time wandering in the bamboo forests, chewing bamboo shoots. As they feed only on bamboo shoots and that too in huge quantities, there isn't always enough food for them

76. Why is it difficult to take care of a giant panda in a zoo?
(A) The zoo is a crowded place.
(B) It is difficult to take care of their young ones in a zoo.
(C) It is difficult to find enough food to feed them.
(D) Pandas are afraid of hunters.
77. What is the staple food of giant pandas?
(A) Bamboo trees (B) Bamboo shoots
(C) Bamboo leaves (D) Green leaves and grass
78. Why is this exotic animal nearing extinction?
(A) Most of them are kept in the zoos for entertainment.
(B) Due to excessive hunting and destruction of their natural habitat.
(C) China does not have many bamboo forests.
(D) They often die immediately after they are born.
79. Which of the following words is an antonym of the word 'giant'?
(A) big (B) large (C) tiny (D) long
80. Zoo is a place where _____.
(A) the bird are kept in cages
(B) animals eat and take rest
(C) children go to entertain animals
(D) animals and birds are kept in enclosures and cages

SOLUTIONS

1. (C) The figures in the options are symmetrically bisected except in the option (C). Hence, option (C) is the correct answer.
2. (D) The arrow heads in each figure are shaded exactly in half part, except in the figure 'D' where the shaded portion is more than half.
3. (D) The angles between the hands of the clock in all the figures are at an angle of 90° except in option (D). Hence, option (D) is the correct answer.
4. (D) All the figures are the mirror images of the given letters except in the figure (D) (which is written as it is). Hence, option (D) is the correct answer.
5. (C) 6. (B) 7. (B) 8. (C)
9. (B) 10. (C) 11. (D) 12. (D)
13. (D) In each term the figure is rotating 90° in the anti-clockwise direction. The next term will be same as the figure in option (D). Hence, option (D) is the correct answer.
14. (B) From the first term to the second term one vertical line is added. From second to the third term one horizontal line and a triangle is added. Repeating the same pattern to get the fourth term one vertical line will be added to the existing third figure. The next figure will be as given in option (B). Hence, option (B) is the correct answer.

15. (D) In each term a shaded/colored circle and an unshaded/uncolored square are added alternatively. Also the elements (circle and square) are changing the quadrant by moving in the anti-clockwise direction. The next term will be same as the figure in option (D). Hence, option (D) is the correct answer.
16. (C) A triangle like shape is added in each step. The next term will be same as the figure in option (C). Hence, option (C) is the correct answer.
17. (A) In the first pair, the second element is obtained by rotating the first element by 90° in the anti-clockwise direction. Similarly, if the first element of the second pair is rotated by 90° in the anti-clockwise direction then the second element will be like option (A). Hence, option (A) is the correct answer.
18. (C) In the first pair, the second element is the mirror image of the first element. Similarly, figure in option (C) is the mirror image of the first element in the second pair. Hence, option (C) is the correct answer.
19. (C) In the first pair, the second figure is obtained by reducing one arrow from the first element and rotating the first element by 180° . Similarly, in the second pair, one semi-circle is reduced and the first element is rotated by 180° which is same like option (C). Hence, option (C) is the correct answer.
20. (A) In the first pair, both the geometric shapes are swapped i.e., the outer rhombus is swapped with triangle which is inside. Similarly, in the second pair, the outer circle is swapped with inner square to get the second element of second pair which is same as the option (A). Hence, option (A) is the correct answer.

21. (B)  22. (A)  23. (B)  24. (B) 
25. (B) 26. (B) 27. (B) 28. (A) 29. (D) 30. (C)
31. (B) 32. (B) 33. (C) 34. (B) 35. (B) 36. (A)
37. (A)  38. (B)  39. (A)  40. (B) 

41. (D) Perimeter of the pentagon = 80 cm
Sum of lengths of four sides = 63 cm
 $\therefore$ The length of the 5th side = $(80 - 63)$ cm = 17 cm.
42. (D) Complete angle = $360^\circ = 4 \times 90^\circ = 4$ right angles.
43. (A) The sum of all interior angles of a rectangle is 360° .
44. (C) Total number of families = 115
The number of families having atleast one child
= $20 + 30 + 35 + 5 = 90$
The number of families having no child = $115 - 90 = 25$.
45. (B) Prime numbers between 1 and 11 are: 2, 3, 5, 7.
 $\therefore$ Required number of prime numbers = 4.
46. (C) $999 \times 9999 = 999 \times (10000 - 1)$
= $999 \times 10000 - 999 \times 1$
= $9990000 - 999 = 9989001$.
47. (A) $2 \times 3 = 6$
Number of decimal places in $0.2 \times 0.03 = 1 + 2 = 3$
 $\therefore 0.2 \times 0.03 = 0.006$.
48. (C) All the factors of 64 are 1, 2, 4, 8, 16, 32, 64.
 $\therefore$ Required sum = $1 + 2 + 4 + 8 + 16 + 32 + 64 = 127$.
49. (C) $20 = 2 \times 2 \times 5$
 $30 = 2 \times 3 \times 5$
H.C.F. (20, 30) = $2 \times 5 = 10$.

50. (B) $6.082 + 60.82 + 608.2 - 0.6082$
= $6.0820 + 60.8200 + 608.2000 - 0.6082$
= $675.1020 - 0.6082 = 674.4938$.

$$\begin{array}{r} \textcircled{1}\textcircled{1}\textcircled{1} \\ 6.0820 \\ 60.8200 \\ + 608.2000 \\ \hline 675.1020 \end{array} \quad \begin{array}{r} 4 \ 10 \ 9 \ 11 \ 10 \\ 675.1020 \\ - 0.6082 \\ \hline 674.4938 \end{array}$$

51. (B) $0.1 \times 0.1 \times 0.1 = 0.001$

[Number of decimal places = $1 + 1 + 1 = 3$]

52. (C) $\frac{3}{2} \div \frac{3}{2} \times 2 + \frac{3}{2} = \frac{3}{2} \times \frac{2}{3} \times 2 + \frac{3}{2} = 2 + \frac{3}{2} = \frac{4+3}{2} = \frac{7}{2}$.

53. (C) There are 3 zeros in 1000, so the quotient will have 3 places of decimal.

$\therefore \frac{999}{1000} = 0.999$.

54. (A) $0.238 = \frac{238}{1000} = \frac{238 \div 2}{1000 \div 2} = \frac{119}{500}$.

55. (B) $1 \text{ m}^2 = (100 \times 100) \text{ cm}^2 = 10000 \text{ cm}^2$
 $\therefore 100 \text{ cm}^2 = \left(\frac{100}{10000}\right) \text{ m}^2 = \left(\frac{1}{100}\right) \text{ m}^2 = 0.01 \text{ m}^2$.

56. (B) Time at which the train left Delhi = 10:45 a.m. = 10:45
Time at which the train reached Jaipur = 3:30 p.m. = 15:30
The duration of the journey = $15:30 - 10:45 = 04:45$
= 4 hours 45 minutes.

Hours	Minutes
14	90
15	30
10	45
4	45

57. (A) Let the missing number be x. Then,
 $58394 - 86 - 86 = x \times 86$
 $\Rightarrow 58394 - 172 = x \times 86$
 $\Rightarrow 58222 = x \times 86$
 $\Rightarrow x = \frac{58222}{86} = 677$.

$$\begin{array}{r} 677 \\ 86 \overline{) 58222} \\ \underline{- 516} \\ 662 \\ \underline{- 602} \\ 602 \\ \underline{- 602} \\ 0 \end{array}$$

58. (C) Total number of eggs = 500

Number of broken eggs = $\frac{3}{25} \times 500 = 3 \times 20 = 60$

Number of eggs to be kept for the guests = $\frac{1}{5} \times 500 = 100$

$\therefore$ The number of eggs which can be used
= $500 - 60 - 100 = 500 - 160 = 340$.

59. (C) Cost price of the wall clock = ₹ 200
Profit = ₹ 40

Selling price of the wall clock = Cost Price + Profit
= ₹ (200 + 40) = ₹ 240.

60. (B) Total cost price of apples for fruit seller

= ₹ (1500 + 100) = ₹ 1600

Selling price of apples for fruit seller = ₹ 2236

Profit = Selling price - Cost price

= ₹ (2236 - 1600) = ₹ 636.

61. (B) 62. (C) 63. (A) 64. (B) 65. (B) 66. (B)
67. (A) 68. (A) 69. (A) 70. (B) 71. (A) 72. (B)
73. (A) 74. (A) 75. (B) 76. (C) 77. (B) 78. (B)
79. (C) 80. (D)