

Jawahar Navodaya Vidyalaya (2025)

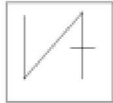
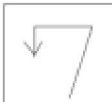
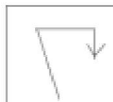
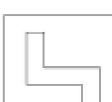
Entrance Exam Class-VI (Solved Questions)

Held on: 12 April 2025

Section-I: Mental Ability Test

PART-1

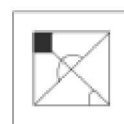
DIRECTIONS: In Question Nos. 1 to 4, four figures (a), (b), (c) and (d) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the 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-2

DIRECTIONS: In Question Nos. 5 to 8, a question figure is given on the left side and four answer figures marked (a), (b), (c) and (d) are given on the right side. 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.

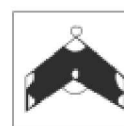
5. Question Figure



Answer Figures

- | | |
|---|---|
| (a)  | (b)  |
| (c)  | (d)  |

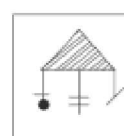
6. Question Figure



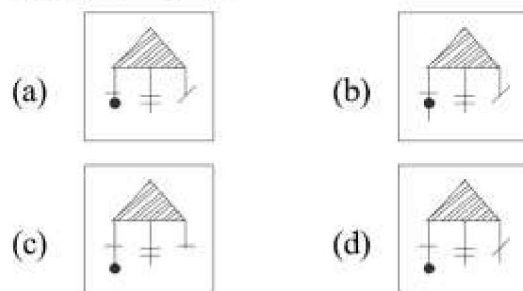
Answer Figures

- | | |
|---|---|
| (a)  | (b)  |
| (c)  | (d)  |

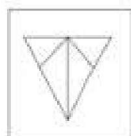
7. Question Figure



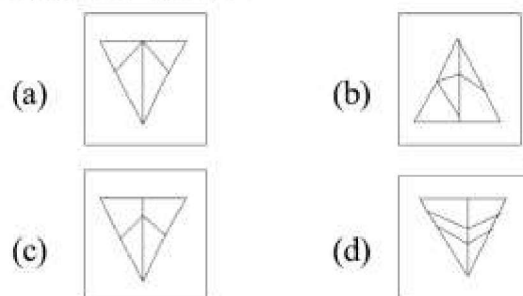
Answer Figures



8. Question Figure



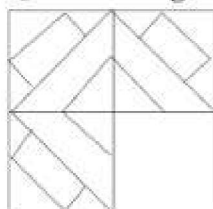
Answer Figures



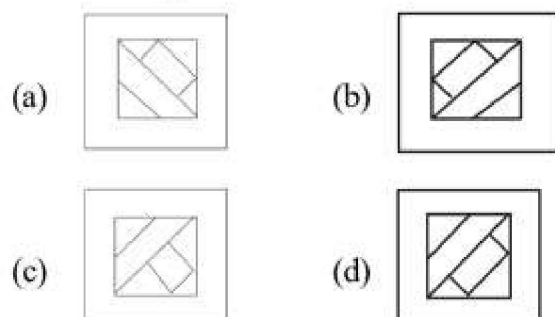
PART-3

DIRECTIONS: In Question Nos. 9 to 12, there is a question figure on the left side, a part of which is missing. Observe the answer figure (a), (b), (c) and (d) on the right side 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.

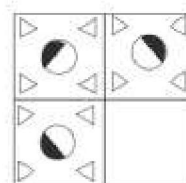
9. Question Figure



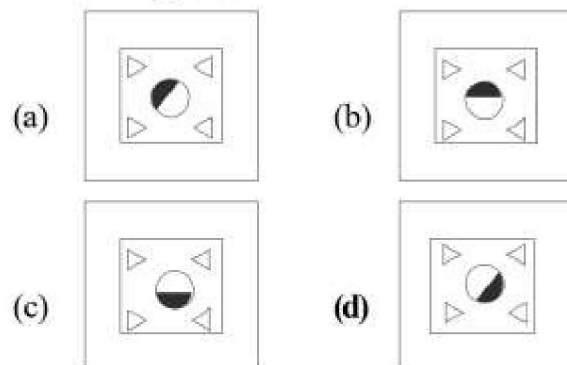
Answer Figures



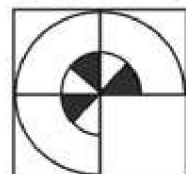
10. Question Figure



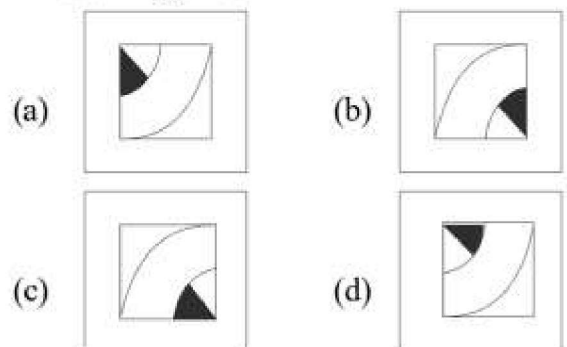
Answer Figures



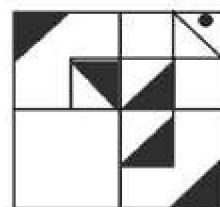
11. Question Figure



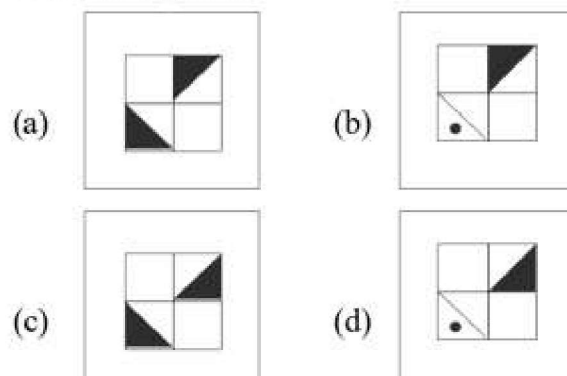
Answer Figures



12. Question Figure



Answer Figures



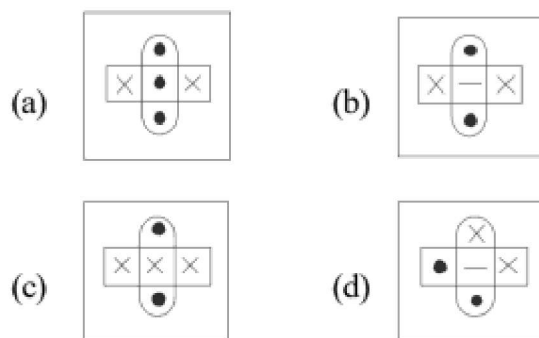
PART-4

DIRECTIONS: In Question Nos. 13 to 16, there are three question figures on the left hand side 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 given on the right hand side which occupies the blank space for the fourth figure on the left hand side and completes the series. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

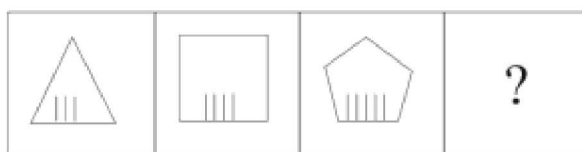
13. Question Figure



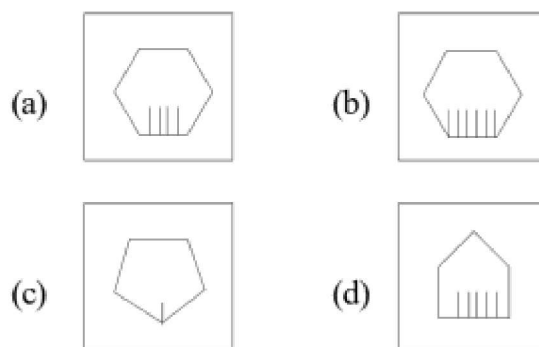
Answer Figures



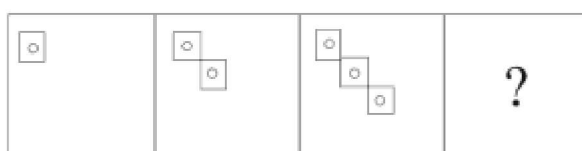
14. Question Figure



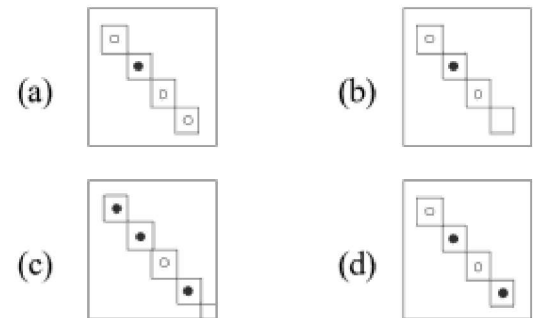
Answer Figures



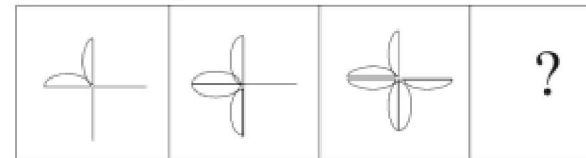
15. Question Figure



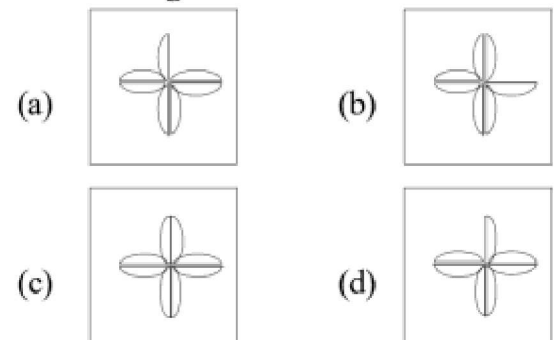
Answer Figures



16. Question Figure



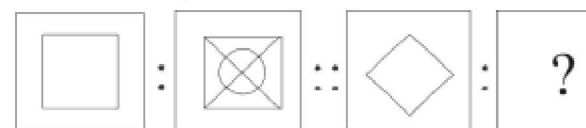
Answer Figures



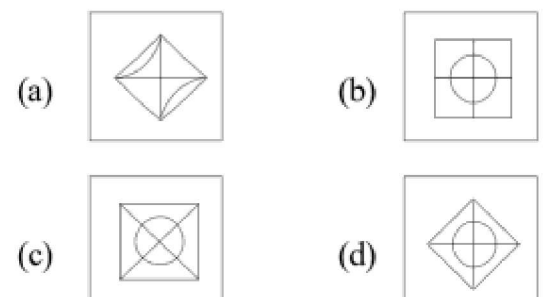
PART-5

DIRECTIONS: In Question Nos. 17 to 20, there are two sets of two questions 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 mark. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

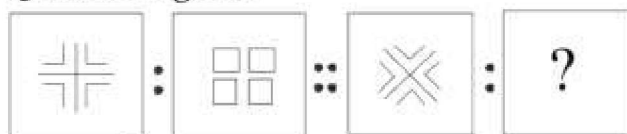
17. Question Figures



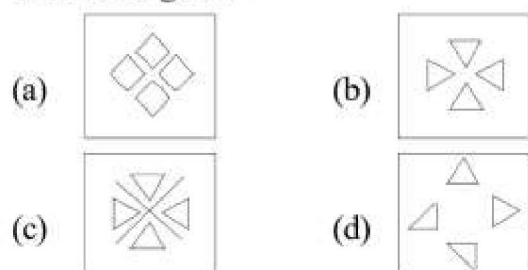
Answer Figures



18. **Question Figures**



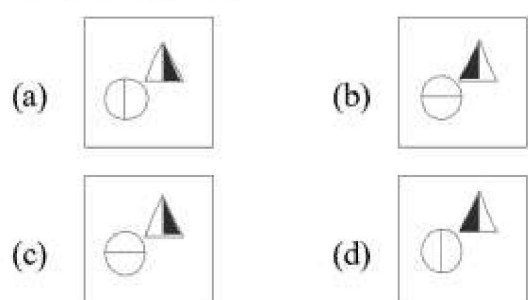
Answer Figures



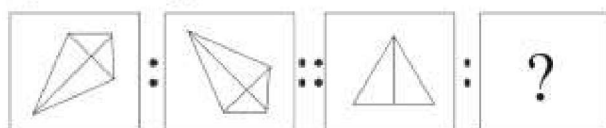
19. **Question Figures**



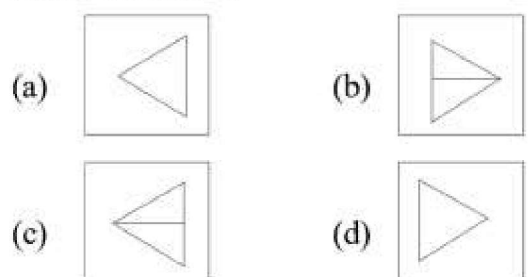
Answer Figures



20. **Question Figures**



Answer Figures



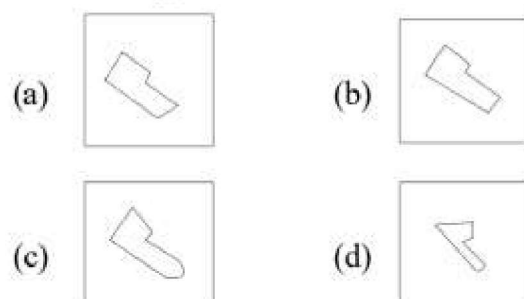
PART-6

DIRECTIONS: In Question Nos. 21 to 24, one part of a geometrical figure. (Triangle, Square, Circle) is on the left hand side as question figure and the other one is among the four answer figures (a), (b), (c) and (d) on the right hand side. Find the figure on the right hand side that completes the geometrical figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

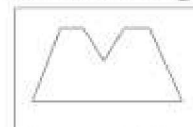
21. **Question Figure**



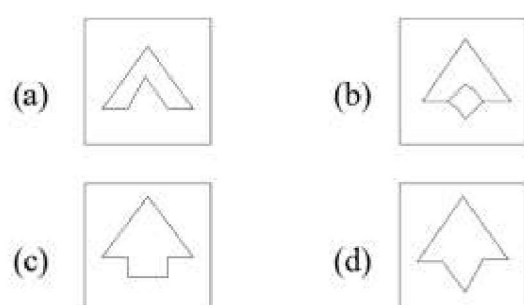
Answer Figures



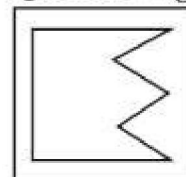
22. **Question Figure**



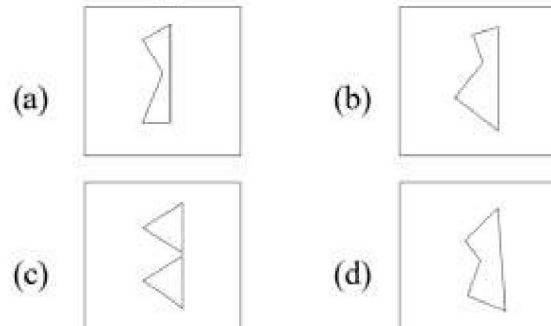
Answer Figures



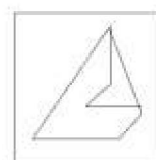
23. **Question Figure**



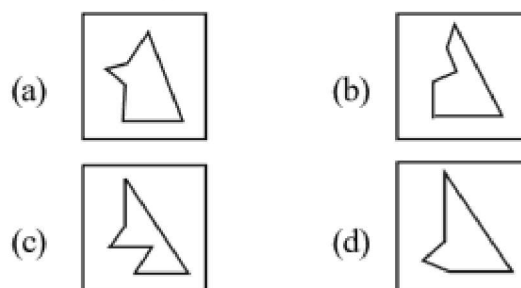
Answer Figures



24. **Question Figure**



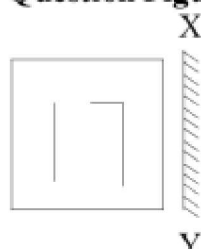
Answer Figures



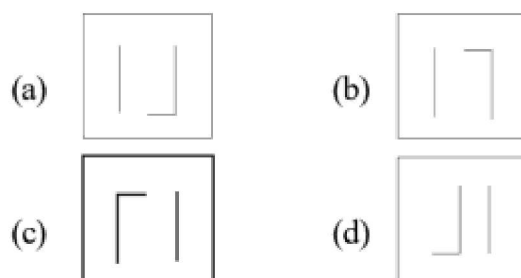
PART-7

DIRECTIONS: In Question Nos. 25 to 28, there is a question figure on the left side and four answer figures marked (a), (b), (c) and (d) are given on the right side. 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 to the OMR Answer Sheet against the number corresponding to the question.

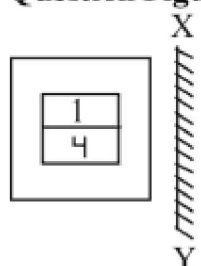
25. Question Figure



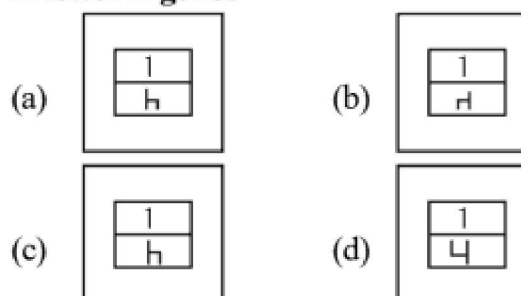
Answer Figures



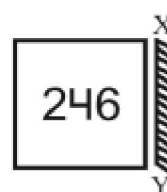
26. Question Figure



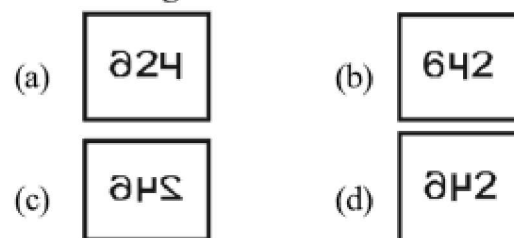
Answer Figures



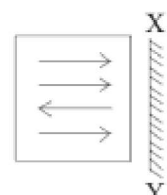
27. Question Figure



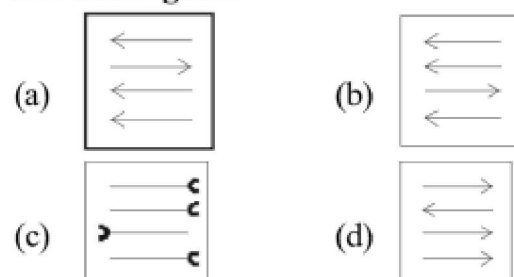
Answer Figures



28. Question Figure



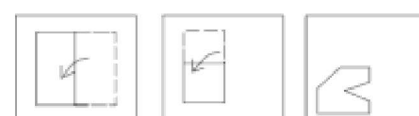
Answer Figures



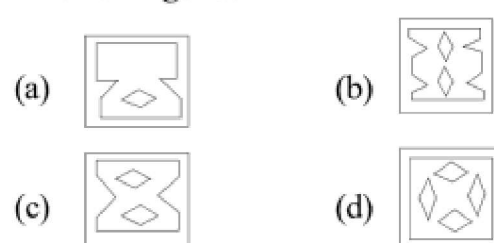
PART-8

DIRECTIONS: In Question Nos. 29 to 32, a piece of paper is folded and punched as shown in the question figures on the left side and four answer figures marked (a), (b), (c) and (d) are given on the right side. 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.

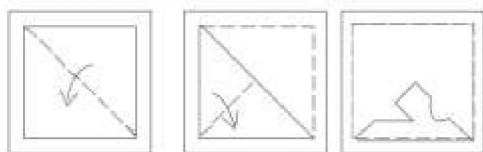
29. Question Figures



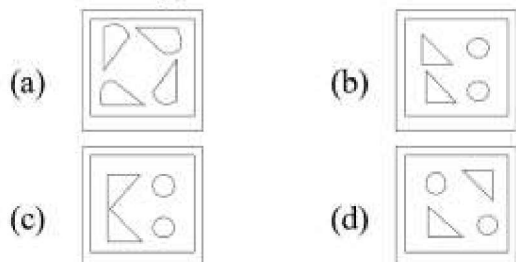
Answer Figures



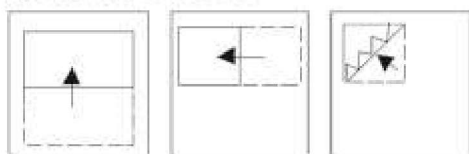
30. Question Figures



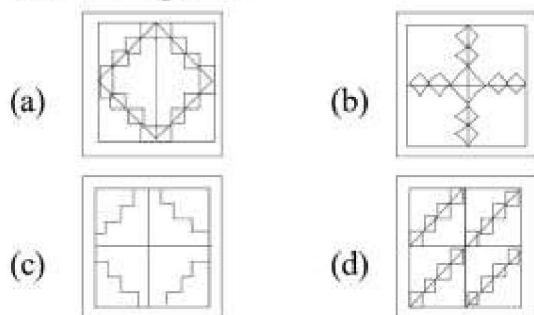
Answer Figures



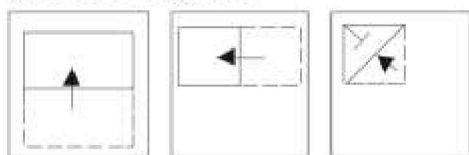
31. Question Figures



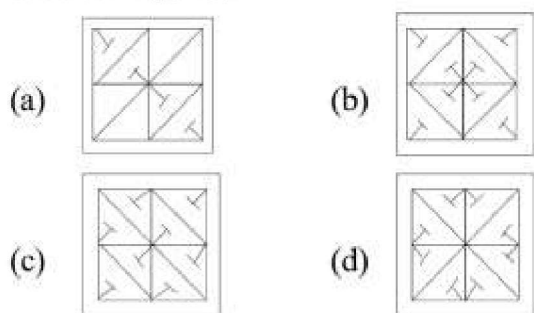
Answer Figures



32. Question Figures



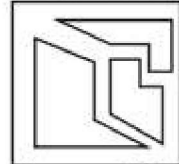
Answer Figures



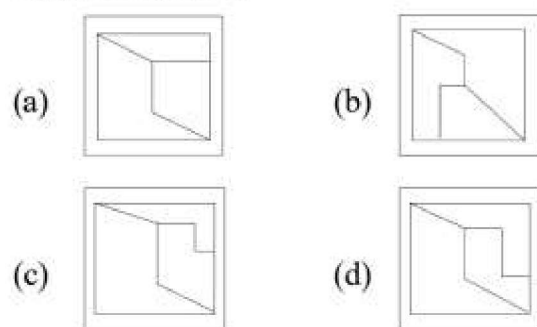
PART-9

DIRECTIONS: In Question Nos. 33 to 36, a question figure is given on the left side and four answer figures marked (a), (b), (c) and (d) are given on the right side. 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.

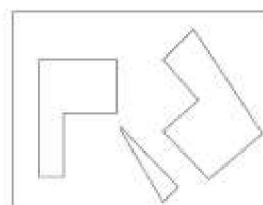
33. Question Figure



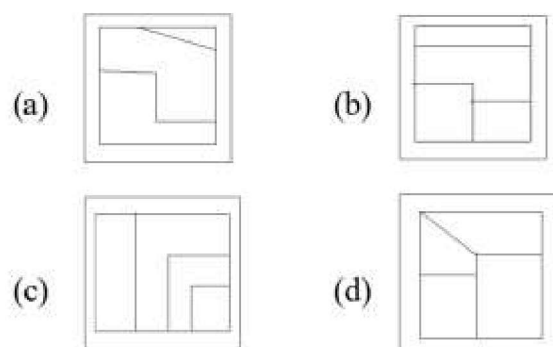
Answer Figures



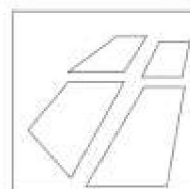
34. Question Figure



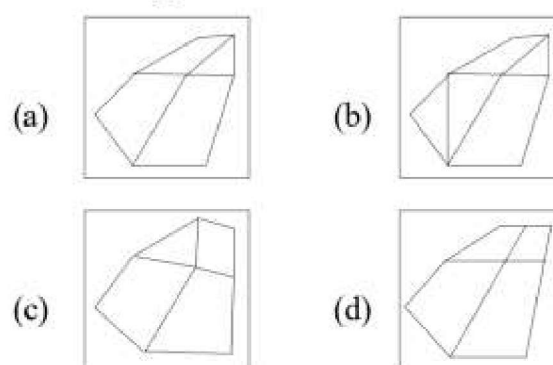
Answer Figures



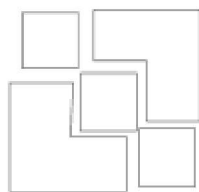
35. Question Figure



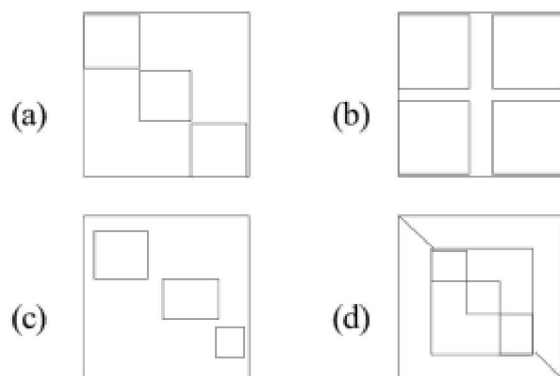
Answer Figures



36. Question Figure



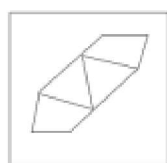
Answer Figures



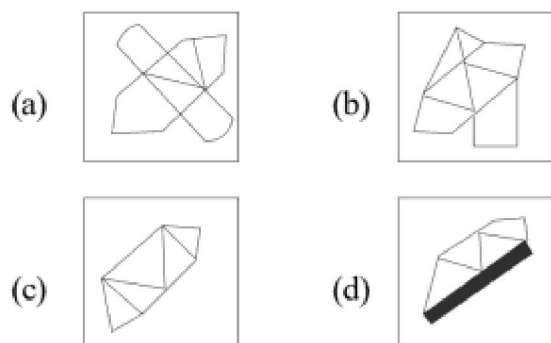
PART-10

DIRECTIONS: In Question Nos. 37 to 40, a question figure is given on the left side and four answer figures marked (a), (b), (c) and (d) are given on the right side. 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.

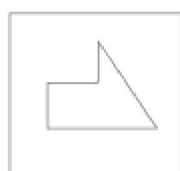
37. Question Figure



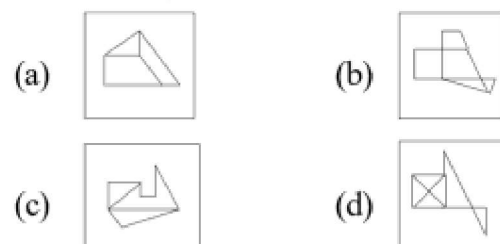
Answer Figures



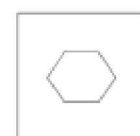
38. Question Figure



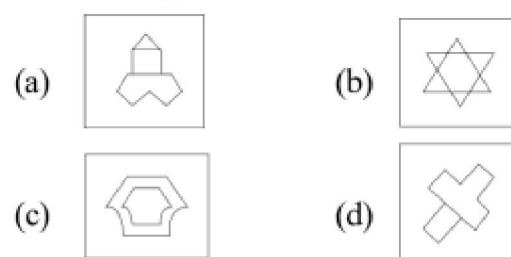
Answer Figures



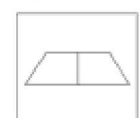
39. Question Figure



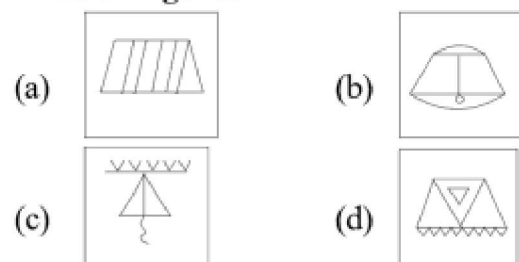
Answer Figures



40. Question Figure



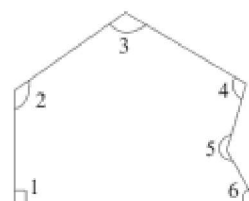
Answer Figures



Section-II: Arithmetic Test

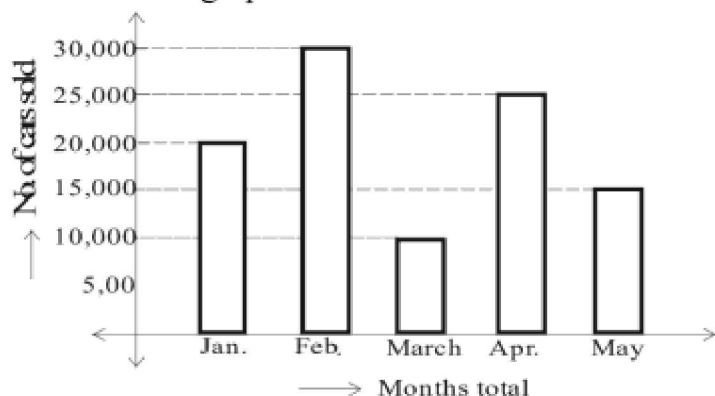
DIRECTIONS: For every question, four probable answers as (a), (b), (c) and (d) are given. Only one of these is correct. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

41. In the given figure, which of the angles is greater than a right angle?



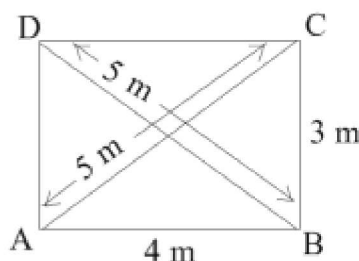
- (a) Only 2 and 3 (b) Only 3, 4 and 5
(c) Only 4, 5 and 6 (d) Only 2, 3, 4 and 5

42. The bar graph shows the number of cards sold.



From the given bar graph, total number of cars sold in the months of January, March and May is:

- (a) 35,000 (b) 40,000
(c) 45,000 (d) 50,000
43. Measure of the angle between the directions North-East and South-East is:
(a) 180° (b) 90°
(c) 270° (d) 45°
44. The breadth of a floor of a room is 9 m. It requires 7,500 tiles of $15 \text{ cm} \times 12 \text{ cm}$ each to cover the floor. Length of the floor of the room (in metres) is:
(a) 9 (b) 10
(c) 12 (d) 15
45. A shopkeeper bought some pencils at the rate of ₹48 per dozen and sold them at the rate of ₹4.50 per pencil. His profit per dozen is:
(a) ₹8 (b) ₹6
(c) ₹6.50 (d) ₹8.50
46. Perimeter of rectangle ABCD is



- (a) 7m (b) 14m
(c) 19m (d) 24m
47. 11,250 square tiles each of side 20 cm have been paved in a rectangular courtyard of length 25 m. The perimeter of the courtyard is:
(a) 18m (b) 43m
(c) 86m (d) 172m

48. A shopkeeper gained $\frac{3}{5}$ of its cost price selling a mobile phone for ₹6,000. The cost price of the mobile phone is:

- (a) ₹3,500 (b) ₹3,750
(c) ₹4,000 (d) ₹4,250

49. If $A = 6$, then $\frac{A}{A+4} + \frac{A+2}{12-2} - \frac{3}{10}$ is equal to

- (a) $\frac{9}{10}$ (b) 1
(c) $\frac{11}{10}$ (d) $\frac{13}{10}$

50. The number of bottles each of capacity 245 litres which can be filled from a can containing 1,177.5 litres of oil is:

- (a) 50 (b) 60
(c) 65 (d) 70

51. 127 hours is equivalent to:

- (a) 3 days 14 hours (b) 5 days 7 hours
(c) 6 days 1 hour (d) 7 days 2 hours

52. $\frac{248}{13} + \frac{168}{26} + \frac{513}{39}$ is equal to:

- (a) $\frac{530}{13}$ (b) $\frac{503}{13}$
(c) $\frac{611}{13}$ (d) $\frac{539}{13}$

53. Decimal 0.125 written in fraction form is:

- (a) $\frac{125}{100}$ (b) $\frac{25}{2}$
(c) $\frac{1}{8}$ (d) $\frac{5}{4}$

54. The decimal form of the fraction $\frac{152}{125}$ is:

- (a) 12.16 (b) 1.216
(c) 1.0216 (d) 0.1216

55. The total number of factors of 36 are:

- (a) 8 (b) 9
(c) 6 (d) 18

56. The product of two numbers is 384. If one number is 16, then the other number

- (a) 6 (b) 12
(c) 18 (d) 24

57. $3.5 + 3.05 + 3.005 + 4 \times 3.05$ is equal to:

- (a) 15.575 (b) 15.755
(c) 21.575 (d) 21.755

58. The fraction equal to 12.0625 is:
- (a) $\frac{195}{16}$ (b) $\frac{197}{16}$
 (c) $\frac{193}{16}$ (d) $\frac{199}{16}$
59. The difference between the greatest and smallest 5-digit numbers formed using 2, 1, 9, 0 and 4 is:
- (a) 92961 (b) 81720
 (c) 83961 (d) 89000
60. $\frac{1}{7}[17 + 36 \times 3 \times 7 - 5 \times 2]$ is equal to
- (a) 114 (b) 113
 (c) 107 (d) 109

Section-III: Language Test

DIRECTIONS: There are **four** passages in this Section. Each passage is followed by **five** question. Read the passage carefully and answer the questions that follow. For each question, **four** probable answer 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

Nomads are a group of people, who dismantle their homes and move to a new place annually. Most groups of nomads make their homes in the desert where water sources run dry after a while. They live in makeshift tents that are both sturdy yet easily taken apart. What it is time to move, they put all their possessions on camels as they go in search of a new place. They find their way about the endless expanse of sand with the help of the stars and the planets at night and footprints in the day.

Despite their primitive lifestyle, a hierarchical class structure exists among the community. Camels are considered as the symbols of prosperity. The hierarchical structure is based on the number of camels one possesses.

Nomadic life may seem to be without the complications of city life. Yet, they are beset, with their own set of problems.

61. Why do nomads move to a new place?
- (a) They love to travel.
 (b) Their homes are tents which can be dismantled.
 (c) They depend on natural resources that exhaust fast.
 (d) Their camels have to keep moving.

62. Which adjective can best describe the nomad homes?
- (a) makeshift (b) tents
 (c) sturdy (d) sandy
63. The hierarchical class structure is based on _____.
- (a) the size of the family
 (b) the number of tents
 (c) the number of camels
 (d) the amount of work done
64. What guides the nomads to take a particular direction?
- (a) Maps
 (b) Camels
 (c) Elderly people in the tribe
 (d) Stars and planets
65. What does the word 'beset' mean?
- (a) affected by (b) settle with
 (c) solved (d) risk in

Passage – 2

Garbage is a great environment hazard. It breeds diseases. A lot of trash that is thrown away contains material that can be recycled and reused such as paper, metals and glass which can be sent to the nearest recycling centre or disposed off to the junk dealer. It also contains organic matter such as leaves which can enrich soil fertility. A compost pit can be made at a convenient location where the waste can be placed with layers of soil and an occasional sprinkling of water. This would help decomposition to make valuable fertilizer. This would also prevent pollution which is usually caused by burning of organic waste.

66. Which of the following words is a synonym of 'hazard'?
- (a) trash (b) threat
 (c) junk (d) dispose
67. Which of the following materials **cannot** be recycled?
- (a) Paper (b) Glass
 (c) Metal (d) Plastic
68. Which of the following is not an advantage of making a compost pit?
- (a) It prevents pollution.
 (b) The leaves in a compost pit can make soil fertile.
 (c) It makes our surroundings beautiful.
 (d) It creates valuable fertilizer.
69. Which of the following words is an antonym of the word 'valuable'?
- (a) enrich (b) useless
 (c) organic (d) disposed

70. What happens to the disposed material at the recycling centre?
- It is thrown away.
 - It is processed for reuse.
 - It is sold to the rag pickers.
 - It is dumped into the ground.

Passage – 3

Dogs are very intelligent animals. Their ability to smell things is many times greater than that of humans. They can easily identify the sniffed thing by smelling it again. Dogs are also used to detect explosives due to their high smelling ability. Their hearing power is five times more than that of humans. Dogs are deaf, blind and toothless when they are born. They like to live in groups, but some prefer to live alone. The breed of dog, Alaskan Malamute, has the ability to withstand temperature up to -70 degrees.

Of course, when dogs are cared for properly and treated with respect, they can be incredibly loving, playful, and intelligent companions.

71. Dogs are used by bomb-disposal squads because _____.
 (a) they have good hearing power
 (b) they can detect explosives due to their smelling ability
 (c) they are good friends
 (d) they are quite loyal and faithful
72. The 'Alaskan Malamute' can live in extreme cold climatic conditions because it _____.
 (a) needs a lot of care
 (b) can withstand hot and humid weather
 (c) can withstand temperatures up to -70 degrees.
 (d) is deaf, blind and toothless
73. Dogs also need to be treated with respect because _____.
 (a) they are living beings
 (b) they cannot speak and are deaf
 (c) they can be loyal servants to human beings
 (d) they can be faithful companions to human beings.
74. The antonym of 'faithful' is _____.
 (a) devoted (b) unhesitating
 (c) undependable (d) dedicated
75. The most appropriate meaning of 'incredible' is _____.
 (a) impossible to believe
 (b) likely to happen
 (c) believable
 (d) inability to hear

Passage – 4

Birds play a very important part in our environment and are an essential part of our food chain. They help maintain a perfect balance of nature. In forests, for example, some birds feed on plants whereas others survive on small insects and earthworms. Birds eat bird eggs, in turn, serve as food for bigger animals such as foxes and snakes. Such food habits and relationships prevent any one species from becoming too large.

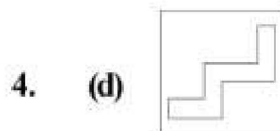
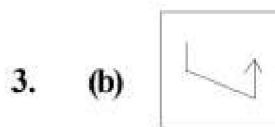
Besides being part of food chain, birds play other important roles too. By eating insects, they protect plants against pests. Some nectar feeding birds are called pollinators because when they sip a flower to such nectar, some pollen gets stuck on their bodies which drops off on another flower when they sit on it. In this way help create new plants.

76. Which of the following is the correct order in the food chain?
 (a) Birds – insects and earthworms – foxes and snakes – bird eggs
 (b) Bird eggs – birds – small insects and earthworms – foxes and snakes
 (c) Insects and earthworms – foxes and snakes – bird eggs – birds
 (d) Insects and earthworms – birds – bird eggs – foxes and snakes
77. By eating plants and other animals or insects, birds help to maintain _____.
 (a) eco balance (b) food chain
 (c) forests (d) relationships
78. In the passage, _____ have been referred to as 'pollinators'.
 (a) Insects (b) Flowers
 (c) Birds (d) Snakes
79. Which pair of words used in the passage has a similar meaning?
 (a) essential/important
 (b) essential/perfect
 (c) important/balance
 (d) important/numerous
80. Birds help in all of the following areas except _____.
 (a) maintaining balance in the ecosystem
 (b) protecting plants against pests.
 (c) helping in cross-pollination.
 (d) helping produce honey.

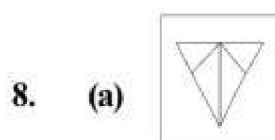
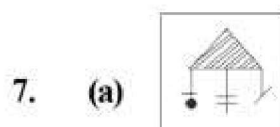
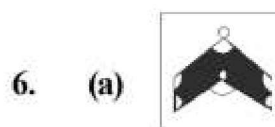
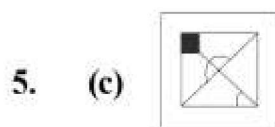
HINTS AND SOLUTIONS

Sol. (1-4)

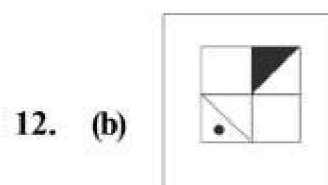
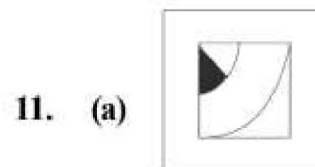
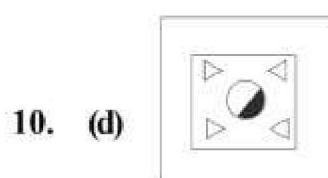
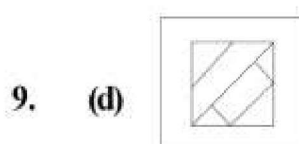
1. (c) Except option figure (c) all other figures middle line in cut.
2. (c) Figure (c) starting and ending point is downwards.



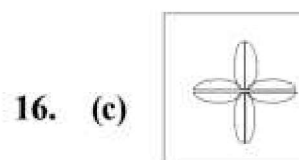
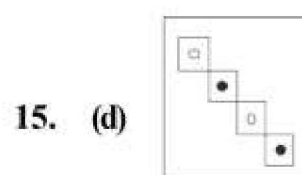
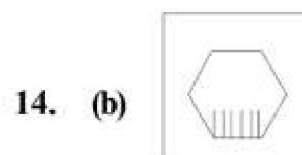
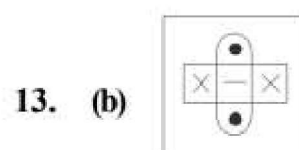
Sol. (5-8)



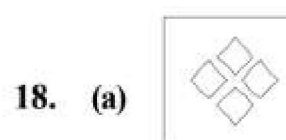
Sol. (9-12)

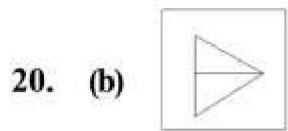
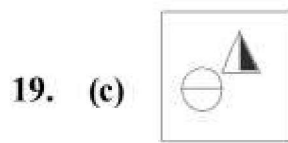


Sol. (13-16)

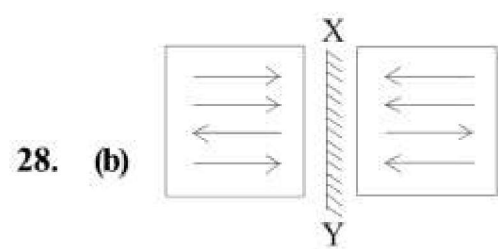
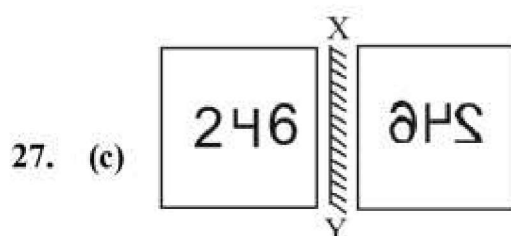
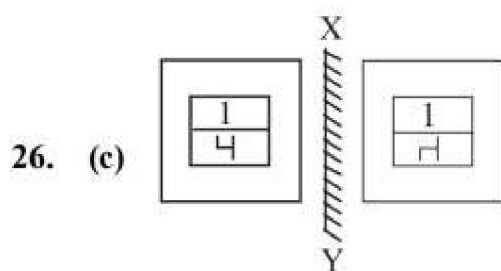
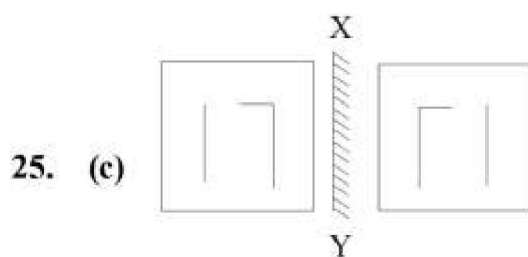
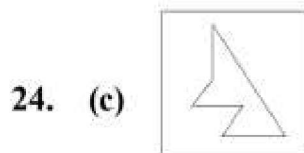
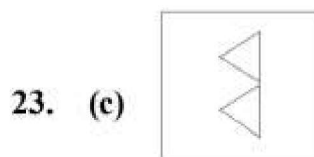
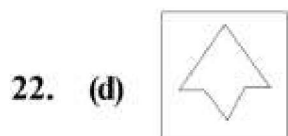
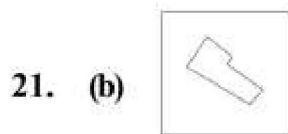


Sol. (17-20)

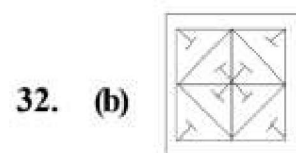
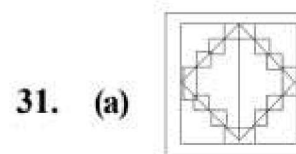
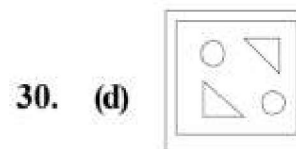
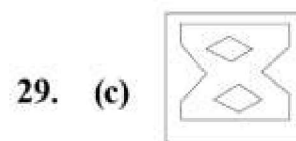




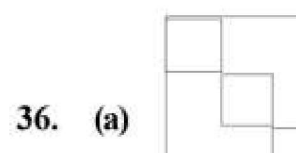
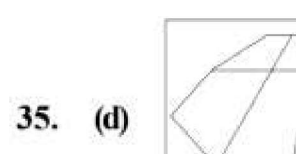
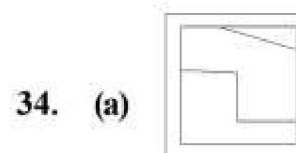
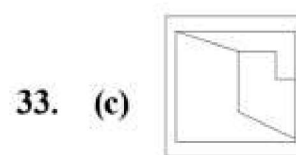
Sol. (21-24)



Sol. (29-32)

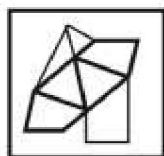


Sol. (33-36)

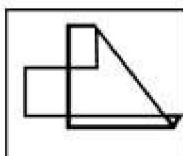


Sol. (37-40)

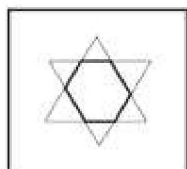
37. (b)



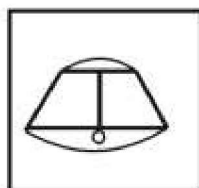
38. (a)



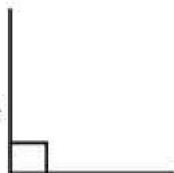
39. (b)



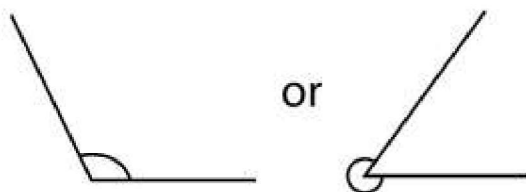
40. (b)



41. (d) Right angle →



Greater than right angle →



or

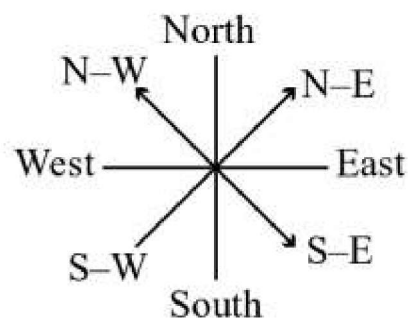
Lesser than right angle →



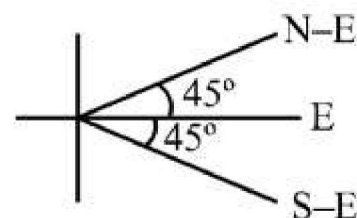
Hence, As shown in the given figure, 2, 3, 4 and 5 angles are greater than right angle.

42. (c) Total number of cars sold in the months of January, March and May
 $= 20,000 + 10,000 + 15,000$
 $= \boxed{45,000}$

43. (b)



Angle between the directions North-East South-East:



$$\Rightarrow 45^\circ + 45^\circ = \boxed{90^\circ}$$

44. (d) Area of rectangle = length $\times$ breadth
ATQ

$$\text{Area of one tile} = 15 \times 12 = 180 \text{ cm}^2$$

$$\begin{aligned} \text{Total area covered by 7500 tiles} &= 7500 \times 180 \\ &= 1350000 \text{ cm}^2 \\ &= 135 \text{ m}^2 \end{aligned}$$

$$[\because 1\text{m} = 100 \text{ cm } 1\text{m}^2 = 10000 \text{ cm}^2]$$

$$\text{Area of floor} = \text{length} \times \text{breadth}$$

$$135 = \text{length} \times 9$$

$$\text{Length} = \frac{135}{9} = \boxed{15\text{m}}$$

45. (b) Selling price per dozen = $12 \times 4.50 = ₹ 54$
 Profit per dozen = selling price – cost price
 $= 54 - 48 = \boxed{₹ 6}$

46. (b) Perimeter of rectangle = $2(\text{length} + \text{breadth})$
 $= 2(3 + 4)$
 $= 2(7) = \boxed{14\text{m}}$

47. (d) Area of 1 tile = (side) $\times$ (side)
 $= 2 \times 2 = 4 \text{ cm}^2$
 Total area covered by 11,250 tiles
 $= 11,250 \times 4 \text{ cm}^2$
 $= 45000 \text{ cm}^2 = 450 \text{ m}^2 [\because 100 \text{ cm} = 1 \text{ m}]$

Area of courtyard = length $\times$ breadth

$450 = 25 \times \text{breadth}$

Breadth = $\frac{450}{25} = 18 \text{ m}$

Perimeter of courtyard = 2 (length + breadth)

$= 2(25 + 18)$

$= 2 \times 43 = \boxed{86 \text{ m}}$

48. (b) Selling price (SP) = ₹6000

Gain = $\frac{3}{5}$ of cost price (CP)

ATQ

SP = CP + Profit

Profit = $\frac{3}{5} \times \text{CP}$

$6000 = \text{CP} + \frac{3}{5} \times \text{CP}$

$6000 = \text{CP} \left(1 + \frac{3}{5} \right)$

$6000 = \text{CP} \left(\frac{8}{5} \right)$

$\text{CP} = \frac{6000 \times 5}{8} = \boxed{\text{₹}3750}$

49. (c)

ATQ

$\frac{A}{A+4} + \frac{A+2}{12-2} - \frac{3}{10}$

$\Rightarrow \frac{6}{6+4} + \frac{6+2}{12-2} - \frac{3}{10}$

$\Rightarrow \frac{6}{10} + \frac{8}{10} - \frac{3}{10}$

$\Rightarrow \frac{6+8-3}{10} = \boxed{\frac{11}{10}}$

50. (b) Number of bottles = $\frac{(14.7 \times 1000) \text{ ml}}{245 \text{ ml}}$

$= \boxed{60}$

51. (b) 24 hours = 1 day

ATQ

$\Rightarrow \frac{127 \text{ hours}}{24 \text{ hour}} = \boxed{5 \text{ days } 7 \text{ days}}$

52. (b) $\frac{248}{13} + \frac{168}{26} + \frac{513}{39}$

$\Rightarrow \frac{248 \times 3 + 168 \times 2 + 513}{39}$

$\Rightarrow \frac{744 + 336 + 513}{39} = \frac{1593}{39}$

$= \boxed{\frac{503}{13}}$

53. (c) $0.125 = \frac{125}{1000}$

$= \boxed{\frac{1}{8}}$

54. (b) $\frac{152}{125} = \boxed{1.216}$

55. (b) Factors of 36 = $2 \times 2 \times 3 \times 3$
 $= 2^2 \times 3^2$

Total number of factors = $(2+1) \times (2+1)$

$= 3 \times 3 = \boxed{9}$

56. (d) Let the other number be x

ATQ

$$= x \times 16 = 384$$

$$x = \frac{384}{16}$$

$$= \boxed{24}$$

57. (d) $3.5 + 3.05 + 3.005 + 4 \times 3.05$

$$\Rightarrow 3.5 + 3.05 + 3.005 + 12.2$$

$$\Rightarrow \boxed{21.755}$$

58. (c) $12.0625 = \frac{120625}{10000}$

$$= \frac{\boxed{193}}{16}$$

59. (c) Greatest 5-digit number formed using

$$2, 1, 9, 0 \text{ and } 4 = 94210$$

$$\text{Smallest 5 digit number formed using } 2, 1, 9, 0 \text{ and } 4 = 10249$$

$$\text{Difference between both numbers}$$

$$= 94210 - 10249$$

$$= \boxed{83961}$$

60. (d) $\frac{1}{7}[17 + 36 \times 3 \times 7 - 5 \times 2]$

$$\Rightarrow \frac{1}{7}[17 + 36 \times 21 - 10]$$

$$\Rightarrow \frac{1}{7}[17 + 756 - 10]$$

$$\Rightarrow \frac{1}{7}[763] = \frac{763}{7} = \boxed{109}$$

61. (c) The passage states that the nomads live where water sources dry up. So, they move when natural resources like water finish.

62. (a) The passage mentions that they live in “makeshift tents”, which means temporary and easy to move. So, the best word is “makeshift” here.

63. (c) The last lines of the passage clearly state that “The hierarchical structure is based on the number of camels one possesses”.

64. (d) The passage says that they use stars and planets at night to find their way in the desert.

65. (a) as the word “beset” is often used to state that someone is surrounded by difficulties. So, in this context, it clearly means “affected by” problems or challenges.

66. (b) The passage states that “Garbage is a great environment hazard”, meaning it is a danger or risk. “Threat” is a direct synonym for hazard as it means the same. Other options like “trash” or “disposal” refer to waste, not danger.

67. (d) The passage mentions that paper, metal, and glass can be recycled. Plastic is not listed, indicating that it cannot be recycled in the context of this passage.

68. (c) The passage discusses how compost can help soil fertility, reduce pollution, and create fertilizer. It does not mention anything about making surroundings beautiful. Hence, it is the right fit here.

69. (b) The word “valuable” means something that is important, useful, or of great worth. The direct opposite of this is “useless”, which means having no use, benefit, or worth. Hence, it is the right answer.

70. (b) The passage says recycled materials like paper, metals, and glass can be reused after being sent to the recycling center, confirming they are processed for reuse.

71. (b) The passage clearly states that dogs are used to detect explosives because of their “high smelling ability”, making option (b) the most accurate reason.

72. (c) As the passage mentions that the Alaskan Malamute “has the ability to withstand temperatures up to- 70 degrees”, which directly supports option (c).

73. (d) In the passage, it is emphasized that dogs, when cared for properly, become “loving, playful, and intelligent companions.” Hence, option (d) best reflects this statement.
74. (c) The word “faithful” means loyal and reliable. Its direct opposite is “undependable”, which means someone who cannot be trusted, making option (c), the correct antonym.
75. (a) The word “incredible” typically means something so extraordinary that it’s hard to believe. Hence, “impossible to believe” is the most appropriate meaning.
76. (b) The passage states that birds feed on insects and earthworms, while birds and bird eggs are eaten by foxes and snakes. So, the food chain logically begins with bird eggs and birds, then insects and earthworms, and ends with foxes and snakes.
77. (a) The passage clearly mentions that birds help maintain a “perfect balance of nature”, which refers to ecological balance, specifically not the food chain of forests. Hence, “eco balance” is the right fit.
78. (c) As the second paragraph of the passage mentions “nectar feeding birds are called pollinators”, so, the correct answer is “birds”.
79. (a) In the first line, birds are described as being “important” and “essential” to the environment and food chain. These words are used synonymously in the context.
80. (d) The passage discusses how birds protect plants, assist in pollination, and maintain eco balance, but honey production is not mentioned. That is typically associated with bees, not birds. Hence, birds help in all the following mentioned areas except the honey production.