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# Jawahar Navodaya Vidyalaya Exam, 2025
# Solved Paper

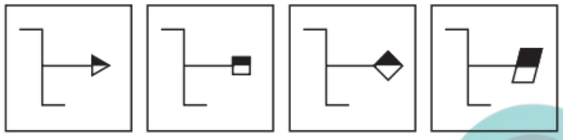
**Exam Date : 13-12-2025**

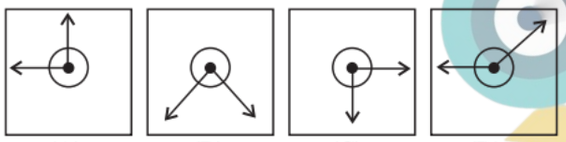
## Section-I
## Mental Ability Test

### Odd Man Out

**Direction (Q. No 1 to 4)**

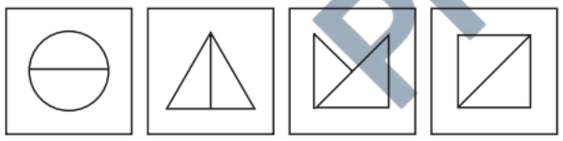
Four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the number corresponding to the question.

1.

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

2.

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

3.

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

4.

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

### Figure Matching

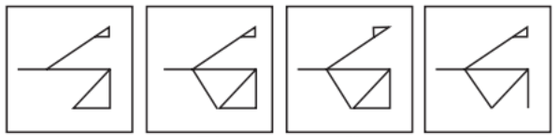
**Direction (Q. No 5 to 8)**

Every question figure is given and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure which is exactly the same the question figure and darken the circle in the OMR Answer Sheet against the number corresponding the question.

5. **Question Figure**



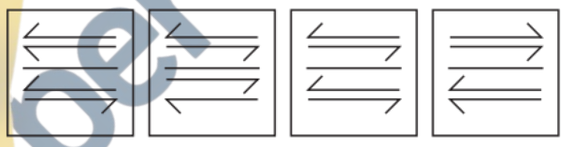
**Answer Figures**


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

6. **Question Figure**



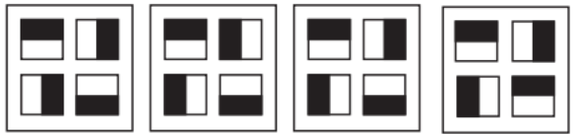
**Answer Figures**


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

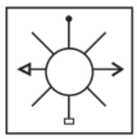
7. **Question Figure**



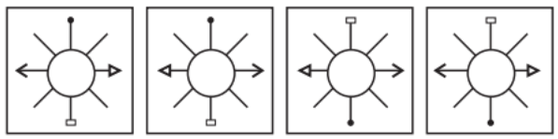
**Answer Figures**


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

8. **Question Figure**



**Answer Figures**


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

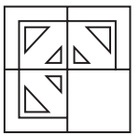
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## Pattern Completion

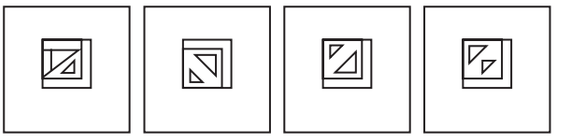
**Direction (Q. No 9 to 12)**

There is a question figure on the left side, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) on the below 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**

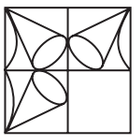


**Answer Figures**

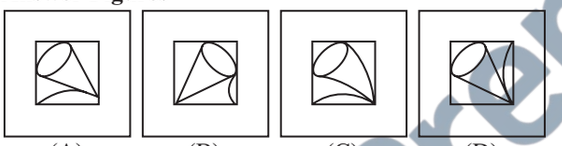


(A) (B) (C) (D)

**10. Question Figure**

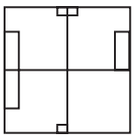


**Answer Figures**

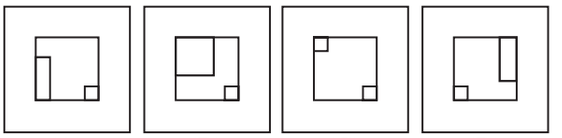


(A) (B) (C) (D)

**11. Question Figure**

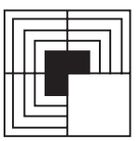


**Answer Figures**

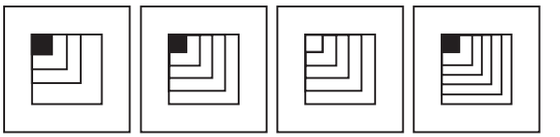


(A) (B) (C) (D)

**12. Question Figure**



**Answer Figures**



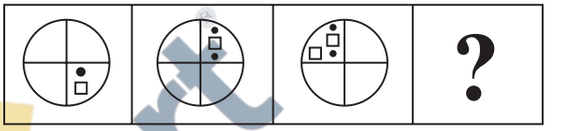
(A) (B) (C) (D)

## Figure Series Completion

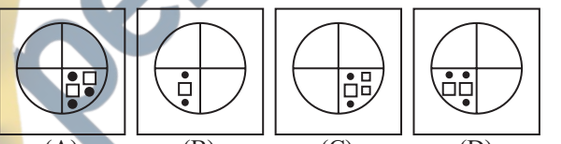
**Direction (Q. No 13 to 16)**

There are three question figures on the left 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 below side which occupies the blank space for the fourth figure 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 Figures**

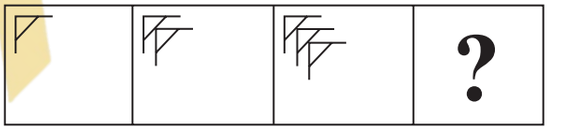


**Answer Figures**

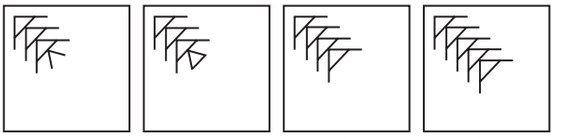


(A) (B) (C) (D)

**14. Question Figures**

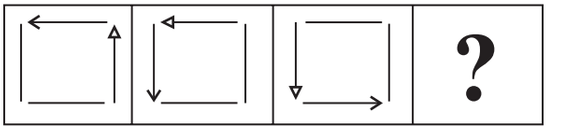


**Answer Figures**

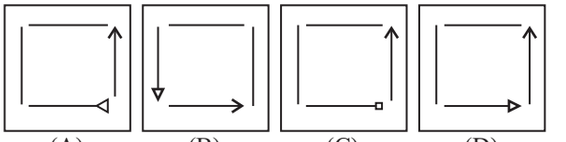


(A) (B) (C) (D)

**15. Question Figures**



**Answer Figures**

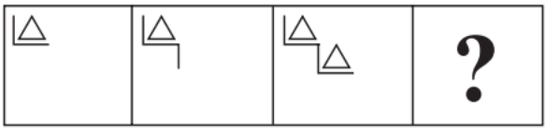


(A) (B) (C) (D)

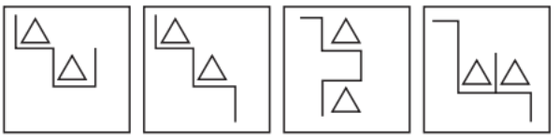
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16. **Question Figures**



**Answer Figures**



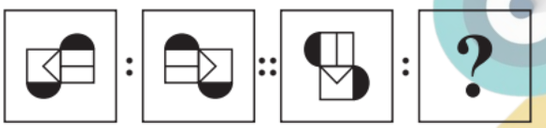
(A) (B) (C) (D)

## Analogy

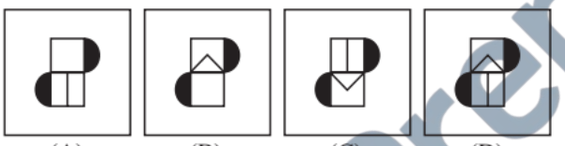
**Direction (Q. No 17 to 20)**

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**

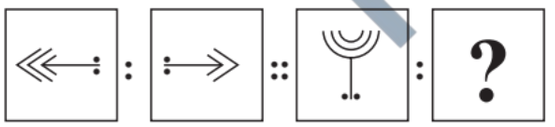


**Answer Figures**

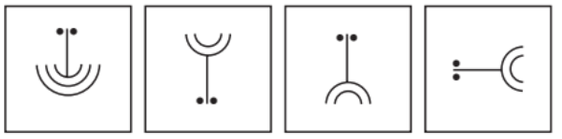


(A) (B) (C) (D)

18. **Question Figures**

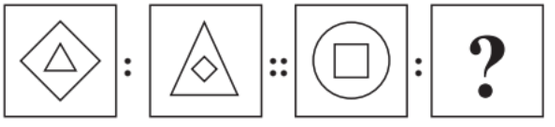


**Answer Figures**

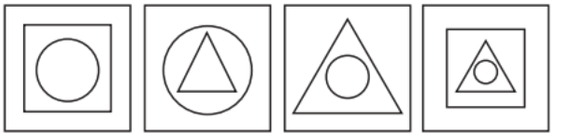


(A) (B) (C) (D)

19. **Question Figures**

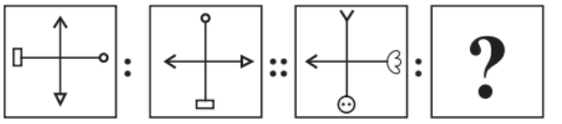


**Answer Figures**

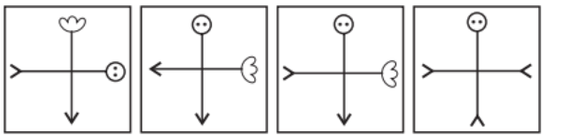


(A) (B) (C) (D)

20. **Question Figures**



**Answer Figures**



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

## Geometrical Figure (Triangle, Square Circle)

**Direction (Q. No 21 to 24)**

One part of a geometrical figure (Triangle, Square, Circle) is on the below side as question figures 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**

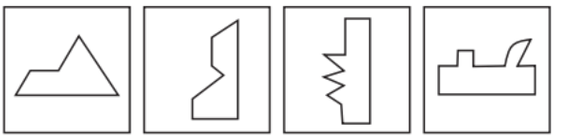


(A) (B) (C) (D)

22. **Question Figure**



**Answer Figures**



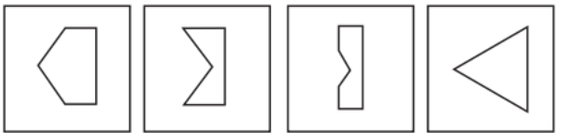
(A) (B) (C) (D)

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23. **Question Figure**



**Answer Figures**

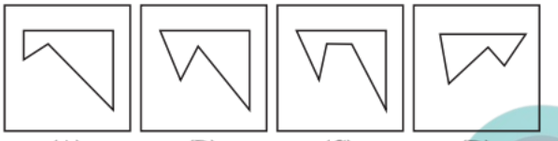


(A) (B) (C) (D)

24. **Question Figure**



**Answer Figures**



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

## Mirror Image

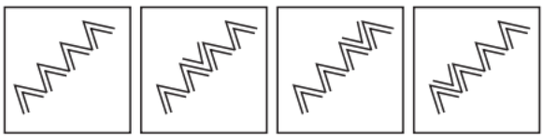
**Direction (Q. No 25 to 28)**

There is a question figures on the below side 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**

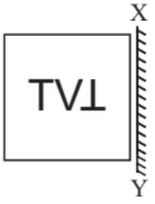



**Answer Figures**

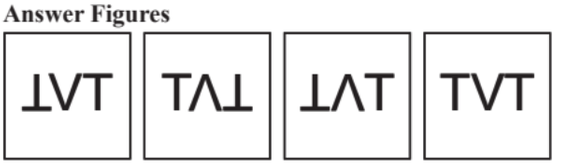


(A) (B) (C) (D)

26. **Question Figure**

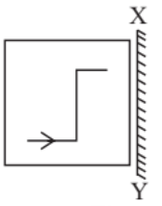



**Answer Figures**

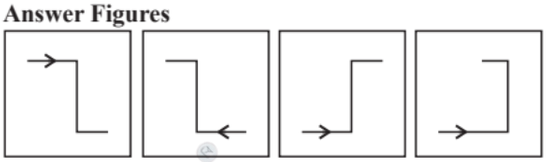


(A) (B) (C) (D)

27. **Question Figure**

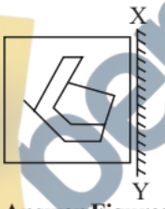



**Answer Figures**

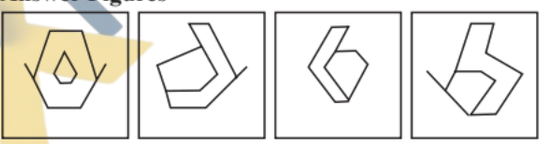


(A) (B) (C) (D)

28. **Question Figure**




**Answer Figures**



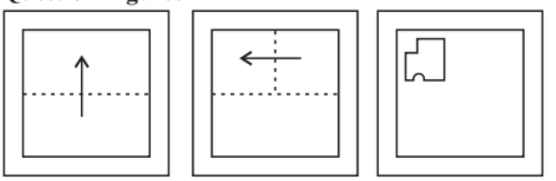
(A) (B) (C) (D)

## Punched Hole Pattern Folding/Unfolding

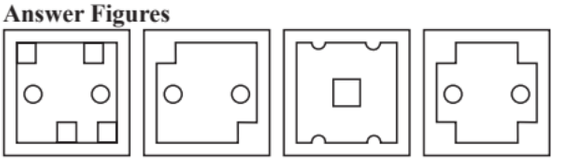
**Direction (Q. No 29 to 32)**

A piece of paper is folded and punched as shown in the question figures on the below side 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**



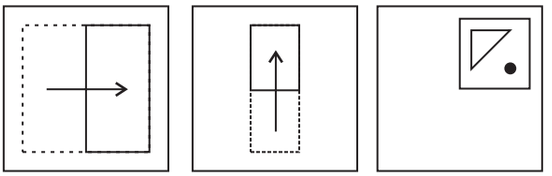
**Answer Figures**



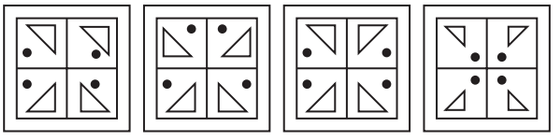
(A) (B) (C) (D)

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30. **Question Figures**

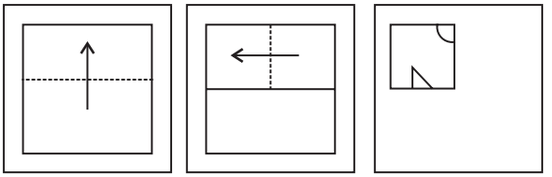


**Answer Figures**

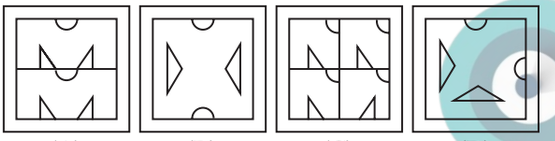


(A) (B) (C) (D)

31. **Question Figures**

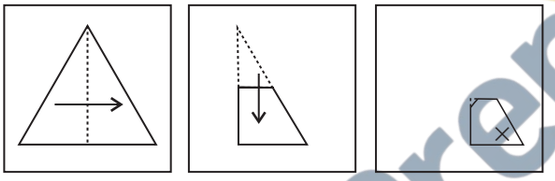


**Answer Figures**

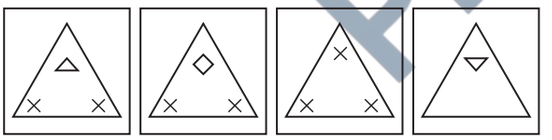


(A) (B) (C) (D)

32. **Question Figures**



**Answer Figures**



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

## Figure Visualization

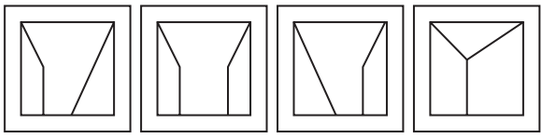
**Direction (Q. No 33 to 36)**

Every question figures is given on the below side 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**

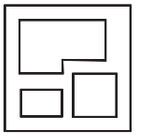


**Answer Figures**

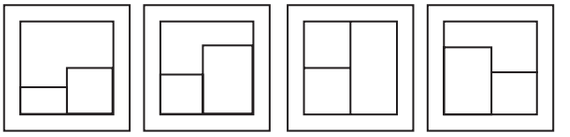


(A) (B) (C) (D)

34. **Question Figure**



**Answer Figures**

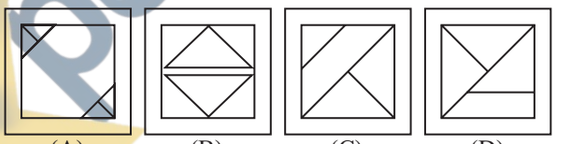


(A) (B) (C) (D)

35. **Question Figure**



**Answer Figures**

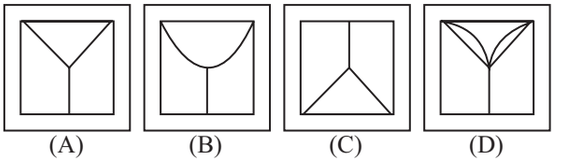


(A) (B) (C) (D)

36. **Question Figure**



**Answer Figures**



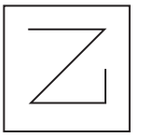
(A) (B) (C) (D)

## Embedded Figures

**Direction (Q. No 37 to 40)**

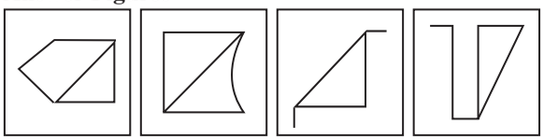
Every question figures is given on the left side and four answer figures marked (A), (B), (C) and (D) are given. Select the answer figure in which the question figure is hidden/embedded. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

37. **Question Figure**



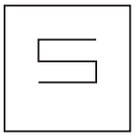
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**Answer Figures**

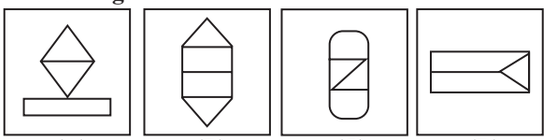


(A) (B) (C) (D)

**38. Question Figure**

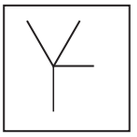


**Answer Figures**

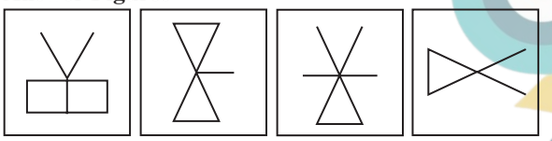


(A) (B) (C) (D)

**39. Question Figure**



**Answer Figures**

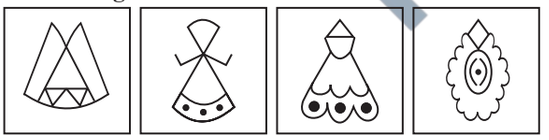


(A) (B) (C) (D)

**40. Question Figure**



**Answer Figures**



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

## Section-II
## Arithmetic Test

### Number and Numerical System

**41.** The sum of all factors of 64 is :
(A) 125 (B) 126
(C) 127 (D) 128

**42.** How many prime numbers are there between 1 and 11?
(A) 5 (B) 4
(C) 6 (D) 3

### Four Fundamental Operations on Whole Numbers

**43.** The product of 999 and 9999 is :
(A) 999999 (B) 999001
(C) 9989001 (D) 899991

### Factors and Multiple and their Properties

**44.** The greatest common factor of 20 and 30 is :
(A) 5 (B) 8
(C) 10 (D) 25

### Concepts of Decimal Number

**45.** $0.1 \times 0.1 \times 0.1$ is equal to:
(A) 0.1 (B) 0.001
(C) 0.01 (D) 1.000

**46.** The product of 0.2 and 0.03 is :
(A) 0.006 (B) 0.06
(C) 0.6 (D) 6

**47.** 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

### Conversion of Fraction to Decimal and Decimal to Fraction

**48.** $\frac{999}{1000}$ in decimal form is :
(A) 0.0999 (B) 9.99
(C) 0.999 (D) 0.00999

**49.** 0.238 is equal to the fraction :
(A) $\frac{119}{500}$ (B) $\frac{238}{25}$
(C) $\frac{119}{25}$ (D) $\frac{119}{50}$

### Fractional Numbers : Addition and Subtraction of Like Fractions and Multiplication

**50.** $\frac{3}{2} \div \frac{3}{2} \times 2 + \frac{3}{2}$ is equal to :
(A) 2 (B) 6
(C) $\frac{7}{2}$ (D) $\frac{2}{7}$

**51.** 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

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## Simplification of Numerical Expressions

**52.** The missing number in the given expression 58394 – 86 – 86 = _____ × 86 is :

(A) 677 (B) 678
(C) 680 (D) 681

## Measurement of Length, Mass, Capacity, Time, Money etc.

**53.** 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 $m^2$

**54.** 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

## Profit and Loss

**55.** 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

**56.** 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

## Types of Angle and Its Simple Application

**57.** The sum of all interior angles of a rectangle is equal to :

(A) 360° (B) 90°
(C) 270° (D) 180°

**58.** A complete angle is equal to :

(A) 1 right angle (B) 2 right angles
(C) 3 right angles (D) 4 right angles

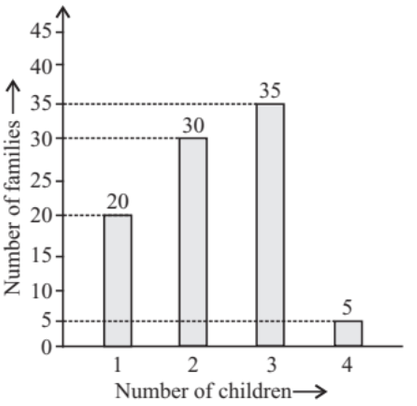
## Perimeter and Area-Perimeter of Polygon, Area of Square, Rectangle and Triangle (A Part of Rectangle)

**59.** 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

## Data Analysis Using Bar Diagram, Graph and Line Chart

**60.** 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

# Section-III
# Language Test

## Comprehension (Unseen Passage)

**Direction (Q. No. 61 to 80)**

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)**

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.

**61.** 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

**62.** The 'pendants' are a part of _____.

(A) bangles (B) necklace
(C) wristbands (D) bands worn on elbows

**63.** Read statements (i) and (ii) and choose the correct option from the ones given below :

(i) Her bangles are made of shell or thin metal.

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(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.

**64.** Which of the following is a not a synonym of 'fearless' ?
(A) timid (B) bold
(C) valiant (D) courageous

**65.** 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 (2)**

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.

**66.** Flowers are _____ to us in many ways.
(A) given (B) useful
(C) sold (D) harmful

**67.** Flowers are found in _____.
(A) different shapes
(B) many colours
(C) different colours and shapes
(D) a uniform size

**68.** The practical uses of flowers are :
(A) making tea, perfumes and cosmetic products
(B) arranging in vases
(C) making garlands
(D) praying and worshipping

**69.** _____ flowers are used to make medicines.
(A) All (B) Some
(C) Colourful (D) Small

**70.** The word 'impact' means :
(A) force (B) effect
(C) act (D) hit

**Passage (3)**

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. Due to excessive hunting and destruction of their natural habitat, these exotic animals are nearing extinction. They can be seen only in zoos, where it is not an easy thing to take care of giant pandas, because it would be difficult to find food to feed them

**71.** 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.

**72.** What is the staple food of giant pandas ?
(A) Bamboo trees (B) Bamboo shoots
(C) Bamboo leaves (D) Green leaves and grass

**73.** 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.

**74.** Which of the following words is an antonym of the word 'giant' ?
(A) big (B) large
(C) tiny (D) long

**75.** Zoo is a place where _____ .
(A) the birds 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

**Passage (4)**

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

**76.** Sonam went with her _____ to a shop.
(A) uncle (B) father
(C) brother (D) friends

**77.** Sonam was attracted by the shiny ___ Cycle Shop.
(A) red (B) green
(C) yellow (D) black

**78.** 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.

**79.** Sonam showed her happiness by :
(A) hugging her parents. (B) thanking her parents.
(C) running around the cycle. (D) jumping with joy.

**80.** The word 'amazed' means the same as :
(A) remembered (B) surprised
(C) shocked (D) afraid