

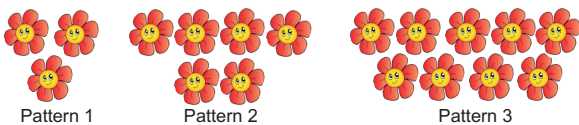
**Sample Question Paper**

**General Instructions**

- All questions are compulsory.
- The question paper consists of 35 questions divided into four sections- A, B C and D.
- Section A comprises of **10 Logical Reasoning** questions of **one mark** each.  
Section B comprises of **10 Mathematical Reasoning** questions of **one mark** each  
Section C comprises of **10 Everyday Math** questions of **one mark** each  
Section D (Achievers Section) comprises of **5 HOTS** questions of **two marks** each.
- All questions are Multiple Choice Question type.
- Each question has four options marked (a), (b), (c) and (d). You have to choose the correct or most appropriate answer by bubbling the OMR Sheet.
- The duration of the test is **60 minutes**.

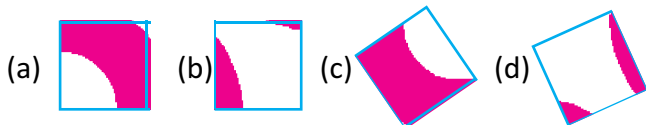
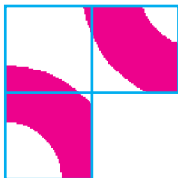
**SECTION A : LOGICAL REASONING**

1. How many flowers will be in pattern 5?



- (a) 15      (b) 17      (c) 18      (d) 14

2. Which of the following option will complete the given figure?



3. What is the 20th number in the following number series.

**2 4 6 8 2 4 6 8 2 4 6 8 2 .....**

- (a) 2      (b) 6      (c) 4      (d) 8

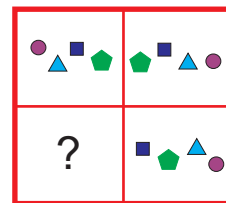
4. If BRAVE is coded as 78436, then AREA is coded as .....

- (a) 4684      (b) 4864      (c) 8644      (d) 8464

5. In a row of 25 students, Renju is fifth from left end and Sheena is third from right end. How many students are between Renju and Sheena.

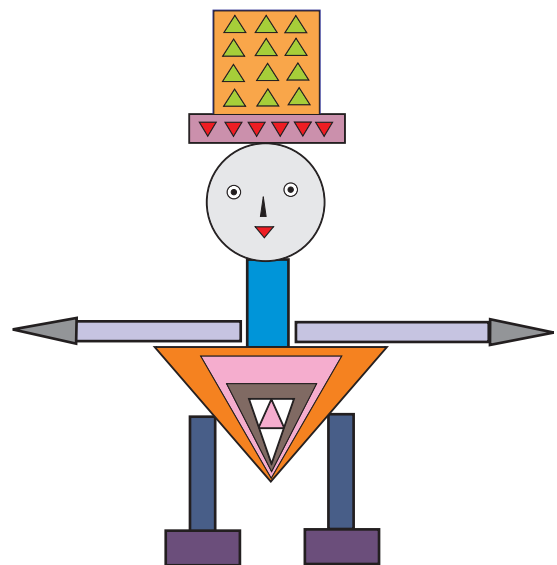
- (a) 15      (b) 12      (c) 20      (d) 17

6. Find the figure from the options which replaces the question mark in the given figure.



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

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



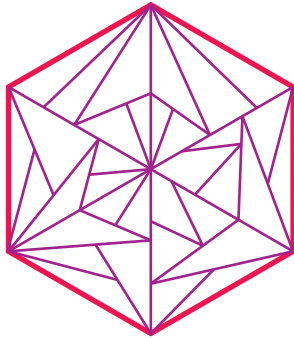
- (a) 28      (b) 29      (c) 30      (d) 32

8. Find the mirror image of the following figure when mirror is placed vertically to the left.



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

9. Find the shape which is exactly embedded in the given figure.



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

10. Find the mirror image of the following when mirror is placed vertically to the right.

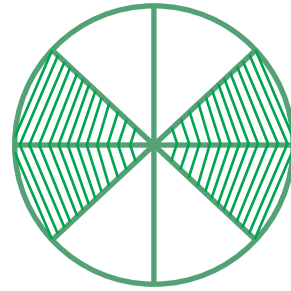
**ANIMALS**

- (a) 2JAMINA (b) STAWINIV  
(c) VNIINV72 (d) ANIMALS

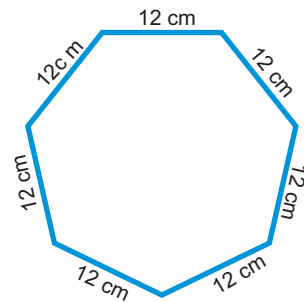
**SECTION B : MATHEMATICAL REASONING**

11. Find the mystery number.  
It is less than 999.  
Its Hundreds digit is the smallest even number.  
Its Tens digit is 3 more than the Hundreds digit.  
The sum of its digits is 9.  
(a) 152 (b) 250 (c) 256 (d) 252

12. How many shoes are there in 55 pairs?  
(a) 110 (b) 120 (c) 115 (d) 112  
13. What fraction of the given figure is shaded?



- (a)  $\frac{3}{8}$  (b)  $\frac{1}{2}$  (c)  $\frac{5}{8}$  (d) 40  
14. How many tens together make 1110?  
(a) 111 (b) 110 (c) 11 (d) 100  
15. Each side of the given figure is 12 cm long. Find the length of rope needed to form 5 such figures.



- (a) 400 cm (b) 420 cm  
(c) 500 cm (d) 84 cm  
16. 3 hour 60 minutes equals how many minutes?  
(a) 180 minutes (b) 60 minutes  
(c) 240 minutes (d) 200 minutes  
17. If a sandwich costs Rs. 45.50 and a burger costs Rs. 26.25, how much more does the sandwich cost?  
(a) Rs. 10.25 (b) Rs. 18.75  
(c) Rs. 19 (d) Rs. 19.25  
18. Identify the figure in which incorrect name of the figure is shown.

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

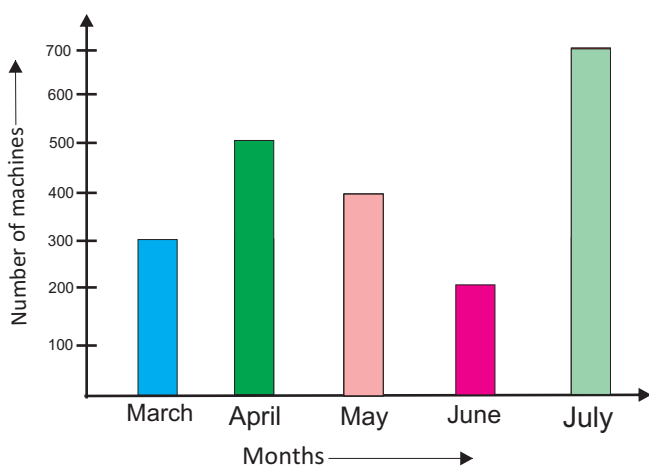
19. Consider the following statements:  
 I. A ray extends infinity in one direction, but ends at a single point in the other direction.

II. A line segment extends infinity in both directions.

Which one of the following is correct about the above statements?

- (a) Statement I is true and II is false.
- (b) Statement II is true and I is false
- (c) Both statements are false.
- (d) Both statements are true.

20. Production of machines at a manufacturing unit is given below. In which month the production of the company was minimum?



- (a) March
- (b) July
- (c) April
- (d) June

**SECTION C : EVERYDAY MATHEMATICS**

21. Mitali has scored 68 runs. How many more runs does she need to complete a century?

- (a) 30
- (b) 32
- (c) 29
- (d) 132

22. A car travelled 50 km on Tuesday. On Wednesday it covered 27 km more than on Tuesday. How many km did it travel on Wednesday?

- (a) 70 km
- (b) 72 km
- (c) 77 km
- (d) 69 km

23. Suhail bought a book for Rs. 48.50, a geometry box for Rs. 245, a bag for Rs. 875 and a colour pencil for Rs. 17.50. How much money did he spend altogether?

- (a) Rs. 1186
- (b) Rs. 1180
- (c) Rs. 1080
- (d) Rs. 1100

24. It is 1:25 now. What was the time 4 hours ago?

- (a) 10:25
- (b) 9:25
- (c) 8:25
- (d) 5:25

25. Amutha has 8 boxes of luggage with her. If each box weighs 35 kg, how many kilograms of luggage is she carrying?

- (a) 280 kg
- (b) 285 kg
- (c) 225 kg
- (d) 250 kg

26. It takes Tomy 36 minutes to walk to home from church. After walking  $\frac{1}{4}$  of the time, he meets his sister Rimi. How many minutes after leaving church does he meet Rimi?

- (a) 6 minutes
- (b) 8 minutes
- (c) 5 minutes
- (d) 9 minutes

27. Deekshit had some oranges and some boxes. He decided to arrange the oranges in these boxes using the rule of skip count of 5. Which of the following will be his arrangement?

- (a) 2, 4, 6, 8, 10, 12, 14, 16, 18,.....
- (b) 4, 8, 12, 16, 20, 24,.....
- (c) 5, 10, 15, 20, 25, 30, 35,.....
- (d) 6, 12, 18, 24, 30, 36, .....

28. Amritha wrote the following numbers on her notebook.

**99, 25, 46, 96, 33, 15, 115, 895, 100, 512, 17, 19, 1235.**

If the numbers are selected from these number cards such that odd numbers are to be picked in descending order, then what would be the number sequence?

- (a) 1235, 895, 115, 99, 33, 25, 19, 17, 15.
- (b) 15, 17, 19, 25, 33, 99, 115, 895, 1235.
- (c) 15, 17, 25, 33, 19, 895, 115, 1235, 99.
- (d) None of these.

29. Deeksha had a red ribbon of 86 cm long. She cut it into two pieces. If one piece is 35 cm long, how long is the other piece?

- (a) 50 cm
- (b) 52 cm
- (c) 51 cm
- (d) 48 cm

30. Tania reads 35 pages daily of a book. If the book has total of 420 pages, then in how many days she finishes the book?

- (a) 12
- (b) 14
- (c) 16
- (d) 13

**SECTION D : ACHIEVERS SECTION**

31. If SMART is coded as 19 13 1 18 20, then BRAVE is coded as .....

- (a) 3 17 2 21 6
- (b) 2 18 1 22 5
- (c) 4 19 3 24 6
- (d) 8 20 9 26 5

32. If Red is called Yellow, Yellow is called Orange, Orange is called Blue and Blue is called Violet. Then what is the colour of Oranges?

- (a) Blue                      (b) Orange  
(c) Red                        (d) Yellow

33. Simplify:  $\frac{118}{2} \times 5 + 5 - 25$

- (a) 270      (b) 265      (c) 275      (d) 246

34. Find the sum of the place value and face value of 6 in 9658.

- (a) 600      (b) 606      (c) 602      (d) 6

35. Which one of the following number is not a natural number?

- (a) 6            (b) 8            (c) 99            (d) -15

## ANSWERS

- |         |         |         |
|---------|---------|---------|
| 1. (a)  | 2. (b)  | 3. (d)  |
| 4. (b)  | 5. (d)  | 6. (d)  |
| 7. (c)  | 8. (a)  | 9. (d)  |
| 10. (a) | 11. (d) | 12. (a) |
| 13. (b) | 14. (a) | 15. (b) |
| 16. (c) | 17. (d) | 18. (c) |
| 19. (a) | 20. (d) | 21. (b) |
| 22. (c) | 23. (a) | 24. (b) |
| 25. (a) | 26. (d) | 27. (c) |
| 28. (a) | 29. (c) | 30. (a) |
| 31. (b) | 32. (a) | 33. (c) |
| 34. (b) | 35. (d) |         |