

Question 1 to 10 carry 1 mark each.

Question 11 to 12 carry 2 mark each.

Question 13 to 14 carry 3 mark each.

Part- A

1. When round off to nearest hundred, the number 85643 is :

- (a) 85600 (b) 85700 (c) 85750 (d) 85650

2. The natural number that has no predecessor is

- (a) 1 (b) 10 (c) 100 (d) 1000

3. Which of the following number is not a factor of 186?

- (a) 2 (b) 3 (c) 6 (d) 8

4. Distance around the circle is called

- (a) Radius (b) Diameter (c) Circumference (d) Centre

5. The angle measure for one-fourth revolution is

- (a) 90° (b) 360° (c) 180° (d) none of these.

6. The preceding number of the number 0 is

- (a) 1 (b) -1 (c) 0 (d) -2

7. Express the mixed fraction $1\frac{1}{2}$ as an improper fraction.

- (a) $\frac{3}{2}$ (b) $\frac{1}{2}$ (c) $\frac{4}{2}$ (d) $\frac{2}{3}$

8. How many lines of symmetry does a regular hexagon have?

- (a) 3 (b) 4 (c) 5 (d) 6

9. The smallest 4-digit number that can be made using the digits 6, 5, 0, 4 without repetition is

- (a) 4560 (b) 4056 (c) 4065 (d) 4506

10. The difference between the successor and the predecessor of a number is:

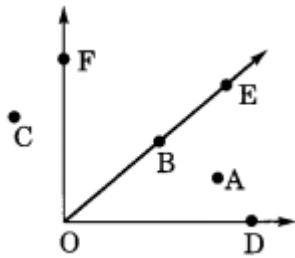
- (a) 1 (b) 2 (c) -1 (d) -2

11. Find the product by suitable arrangement: $125 \times 40 \times 8 \times 25$

12. Ashu house is $\frac{9}{10}$ km from her school. She walked some distance and then took a bus for $\frac{1}{2}$ km to reach the school.
How far did she walk?

13. Three tankers contain 403 litres, 434 litres and 465 litres of diesel respectively. Find the maximum capacity of a container that can measure the diesel of the three containers exact number of times.

14. In the given diagram, name the point(s):



(a) In the interior of $\angle DOE$

(b) In the exterior of $\angle EOF$

(c) On $\angle EOF$

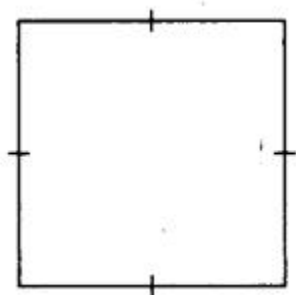
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Part- B

1. The smallest composite number is:
(a) 1 (b) 2 (c) 3 (d) 4
2. The greatest prime number between 1 and 10 is:
(a) 11 (b) 5 (c) 9 (d) 7
3. How many lines can pass through one given point?
(a) 1 (b) 2 (c) 3 (d) countless
4. The angle measure for one complete revolution is:
(a) 180° (b) 360° (c) 90° (d) none of these
5. Which of the following is true?
(a) $0 < -8$ (b) $0 > -8$ (c) $4 < -4$ (d) $0 > 6$
6. How many sides are there in a Hexagon?
(a) 4 (b) 5 (c) 6 (d) 7
7. Find the number of right angles turned through by the hour hand of a clock when it goes from 12 noon to 9 PM
(a) 1 (b) 2 (c) 3 (d) 4
8. What fraction of an hour is 15 minutes?
(a) $\frac{1}{4}$ (b) $\frac{1}{2}$ (c) $\frac{1}{5}$ (d) $\frac{1}{3}$
9. How many lines of symmetry does the figure have?



- (a) 1 (b) 2 (c) 3 (d) 4

10. How many prime numbers lies between 70 and 80?

- (a) 2 (b) 3 (c) 4 (d) 5

11. Find: $(-7) + (-8) - (-90)$

12. Solve: $4\frac{2}{3} + 3\frac{1}{4}$

13. The distance between the school and the house of a student is 1 km 875 m. Every day she walks both ways. Find the total distance covered by her in six days.

Case- Study

14. Yesterday I and my mother went to the market to buy some fruits and vegetables .She bought some apples and one water melon. She divides the watermelon into 15 parts. I ate 6 parts out of them. My sister ate 3 parts.

(i) How much watermelon did I ate ?

- (a) $\frac{6}{15}$ (b) $\frac{3}{15}$ (c) $\frac{4}{15}$ (d) $\frac{2}{15}$

(ii) How much watermelon did I ate more than my sister?

- (a) $\frac{1}{15}$ (b) $\frac{3}{15}$ (c) $\frac{2}{15}$ (d) $\frac{6}{15}$

(iii) What proportion of watermelon remained?

- (a) $\frac{6}{15}$ (b) $\frac{3}{15}$ (c) $\frac{2}{15}$ (d) $\frac{1}{15}$