

Class-VI Mathematics

Time Durations: 1 hour

Total Marks: 25

General Instructions:

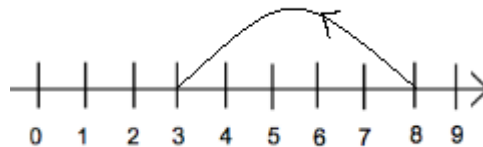
1. All questions are **compulsory**.
2. The question paper consists of **14** questions and it is divided into **three sections** A, B and C.
3. **Section A** comprises of **6** questions carrying 1 mark each.
4. **Section B** comprises of **5** questions carrying 2 marks each.
5. **Section C** comprises of **3** questions carrying 3 marks each.
6. Question numbers **1 to 6** in **Section A** are multiple choice questions where you are to select **one** correct option out of the given four.

Section A

(Questions 1 to 6 carry 1 mark each)

Attempt all questions from this section

1. Which of the following statements is shown by the given number line? [1]



- A. $8 - 5 = 3$
B. $8 + 5 = 13$
C. $3 - 8 = -5$
D. $8 + 3 = 11$
2. $12 \times (45 + 30) = \underline{\hspace{2cm}}$. [1]
A. $(12 \times 45) + (12 \times 30)$
B. 12×65
C. $12 \times 45 \times 30$
D. $(12 \times 45) \times (12 \times 30)$
3. The sum of $267 + 132$ to nearest ten is . [1]
A. 500
B. 400
C. 300
D. 200

4. The greatest number that will divide 10 and 18 is [1]
A. 4
B. 2
C. 5
D. 3

5. Mixed fraction for $\frac{5}{3}$ is: [1]
A. $1\frac{2}{3}$
B. $2\frac{2}{3}$
C. $3\frac{2}{3}$
D. $4\frac{2}{3}$

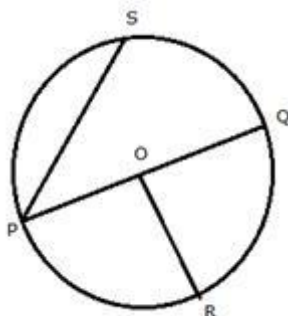
6. What does the shaded region in following figure represent? [1]



- A. Segment of a circle
B. Radius of a circle
C. Chord of a circle
D. Sector of a circle

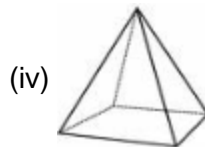
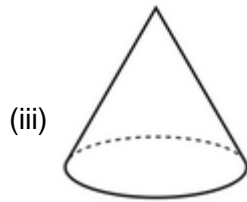
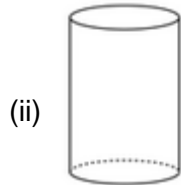
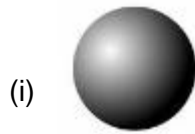
Section B
(Questions 7 to 11 carry 2 marks each)

7. Evaluate the difference between the place values of two 9's in the number 79520986. [2]
8. Name all the radii drawn in the given figure. [2]



9. How many vertices do following shapes have?

[2]



10. Anna is standing on a rock that is 7 feet above sea level. She jumps off the rock. She hits another rock 3 feet below and then walks 2 feet down. How many feet did she come down? [2]

11. Find the sum: $(-13) + (-19) + (+15) + (-10)$. [2]

Section C

(Questions 12 to 14 carry 3 marks each)

12. Tanvi bought a notebook for Rs $8\frac{3}{4}$ and a pen for Rs $10\frac{2}{5}$. How much money should she pay to the shopkeeper? [3]

13. Arrange the fractions $\frac{2}{3}$, $\frac{1}{6}$, $\frac{5}{9}$ and $\frac{7}{12}$ in ascending order. [3]

14. The sum of two numbers is 55 and the H.C.F. and L.C.M. of these numbers are 5 and 120 respectively, then, find the sum of the reciprocals of the numbers. [3]