



Time: 1 hour

Class VI Mathematics

Total Marks: 25

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**General Instructions:**

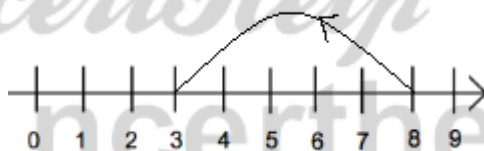
1. All questions are **compulsory**.
  2. The question paper consists of **14** questions and it is divided into **three sections** A, B and C.
  3. **Section A** comprises of **6** questions carrying 1 mark each.
  4. **Section B** comprises of **5** questions carrying 2 marks each.
  5. **Section C** 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.
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**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.  $12 \times 65$   
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]

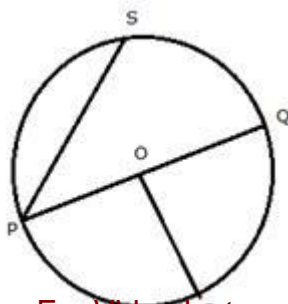


- A. Segment of a circle  
B. Radius of a circle  
C. Chord of a circle  
D. Sector of a circle

### Section B

(Questions 7 to 11 carry 2 marks each)

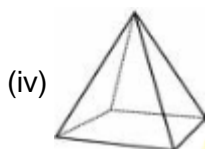
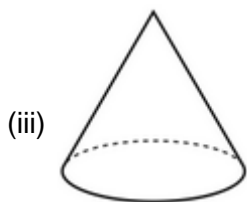
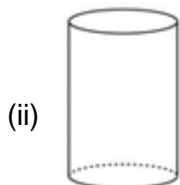
7. Evaluate the difference between the place values of two 9's in the number 79520986. [2]  
8. Name all the radii drawn in the given figure. [2]





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]

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**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]