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]
   
   ![Number Line]
   
   A. 8 - 5 = 3  
   B. 8 + 5 = 13  
   C. 3 - 8 = -5  
   D. 8 + 3 = 11

2. $12 \times (45 + 30) = \square$. [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]

(i)

(ii)

(iii)

(iv)

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]


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]