

**ST. ARNOLD'S CENTRAL SCHOOL, PUNE**  
**TERM-1 EXAMINATION, 2018-19**  
**SUBJECT – MATHEMATICS**

**STD: VII**

**MM : 80**

**SECTION – A**

**1. Fill in the blanks :** **(5 × 1 = 5)**

- a) The line segment joining the vertex of a triangle to the mid-point of the opposite side is known as \_\_\_\_\_.
- b) In RHS Congruence Rule, 'H' stands for \_\_\_\_\_.
- c)  $(-10) \times 0 \times (-15) =$  \_\_\_\_\_.
- d) If two sides and the included angle of one triangle is equal to the corresponding two sides and the included angle of the other, then the triangles are congruent by \_\_\_\_\_ Congruency.
- e) The value of  $(-19) \div (-1)$  is \_\_\_\_\_.

**2. Do as directed :** **(5 × 1 = 5)**

- a) If  $\frac{y}{2} = 3$ , find the value of  $y$ .
- b) A coin is tossed. What is the probability of getting head?
- c) What is the complementary angle of  $53^\circ$ ?
- d) Write the equation for the statement :  
If you add 4 to one-fourth of  $p$ , you get 40.
- e) What is  $\frac{1}{4}$  of  $5\frac{1}{2}$ ?

**SECTION – B**

**Question numbers 3 to 14 carry 2 marks each :**

3. An exterior angle of a triangle is of measure  $130^\circ$  and one of its interior opposite angle is of measure  $60^\circ$ . Find the measure of the other interior opposite angle. **(2)**
4. Solve :  $12x - 11 = 5x + 3$  **(2)**
5. Find the area of a square whose side is 2.5cm. **(2)**
6. The sum of two integers is -450. If one integer is -327, find the other. **(2)**
7. Find the mode of the following observations : **(2)**  
5, 3, 5, 2, 3, 5, 1, 7
8. Arrange in Ascending Order :  $\frac{5}{6}, \frac{1}{3}, \frac{2}{9}$  **(2)**
9. A book consists of 264 pages. Priya read  $\frac{3}{4}$  of the book. How many more pages she has to read? **(2)**
10. Solve :  $3y + \frac{7}{3} = \frac{43}{3}$  **(2)**