



**INDIAN SCHOOL SOHAR**  
**PERIODIC TEST – II (2017 – 2018)**  
**MATHEMATICS**

**SET II**

**CLASS: VII**  
**DATE: 11/01/2018**

**MARKS: 20**  
**TIME: 40 MINUTES**

**General Instructions:**

- Check whether the question paper contains 2 printed pages. All questions are compulsory.
- Do the calculations in working column.
- Give necessary formulae and steps wherever required.

**SECTION A**

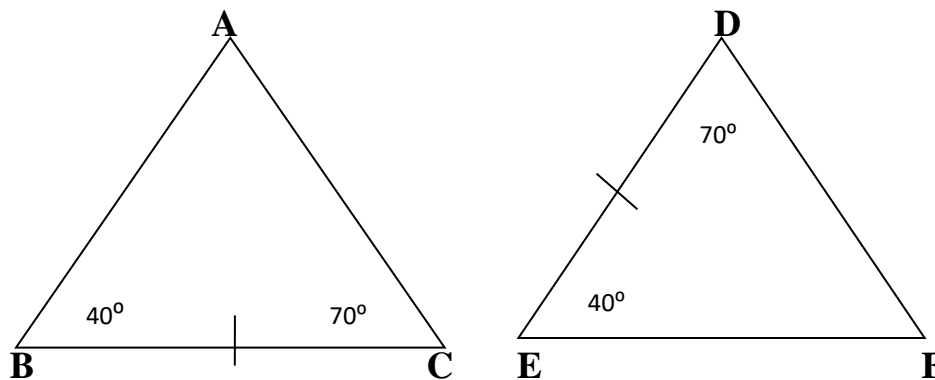
(Each question carries **1 mark**)

1. Convert 0.30 into percent.
2. Decimal representation of 39% is ----- .
3. Standard form of the rational number  $\frac{-5}{-6}$  is ----- .

**SECTION B**

(Each question carries **2 marks**)

4. In the given figure the triangles are congruent. Write their congruency in symbolic form. Give reason.

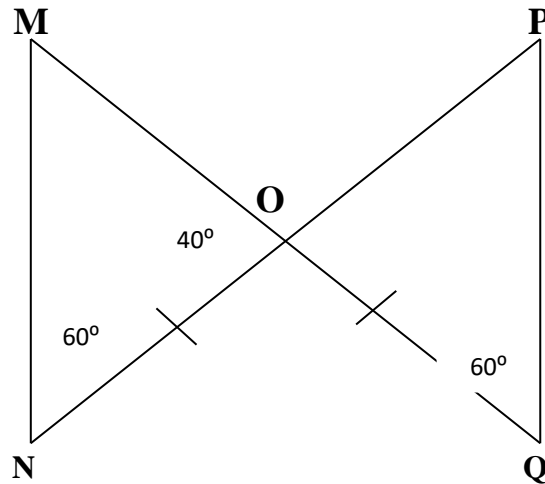


5. If cost price of an article is Rs. 6400 and its selling price is Rs. 6600, find the percentage of profit or loss of the article.

**SECTION C**

(Each question carries **3 marks**)

6. Juhi lent Rs.5700 at the rate of 5% p.a for 3 years and Arun lent Rs.5000 at the rate of 3.5% p.a for 2 years. Who earned more interest and by how much?
7. List four rational numbers between  $\frac{-4}{7}$  and  $\frac{-7}{9}$ .
8. Prove that  $\triangle MNO \cong \triangle PQO$ . Mention the congruence criterion. State the three pairs of congruent parts used. Give reason.



**SECTION D**

( $1 \times 4 = 4$ )

9. (i) Find the value of  $-7 \div \frac{21}{13}$ . Write the answer in standard form.
- (ii) Sohan secured 360 marks out of 400 and Mohan secured 470 marks out of 500. Find the percentage of their marks. Whose performance is better?

\*\*\*\*\*THE END\*\*\*\*\*