



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

SET I

CLASS: VII
DATE: 11/01/2018

MARKS: 20
TIME: 40 MINUTES

General Instructions:

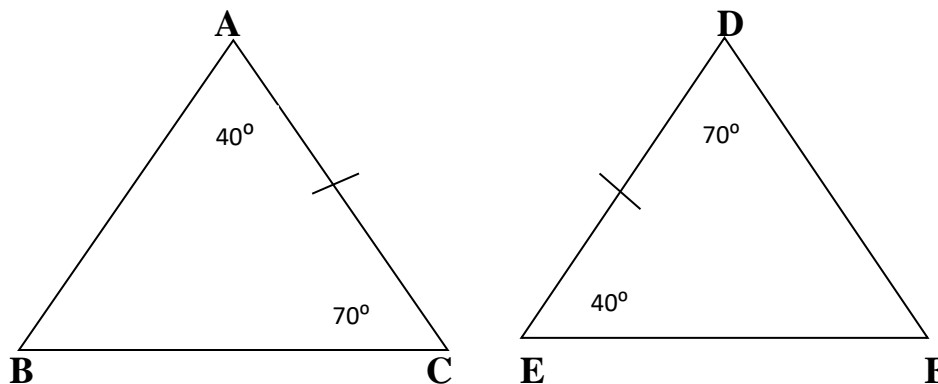
- Check whether the question paper contains 2 printed pages. All questions are compulsory.
- Do the calculations in working column.
- Give necessary formulae and steps wherever required.

SECTION A(Each question carries **1 mark**)

1. Decimal representation of 66% is ----- .
2. Standard form of the rational number $\frac{5}{-6}$ is ----- .
3. Convert 0.09 into percent.

SECTION B(Each question carries **2 marks**)

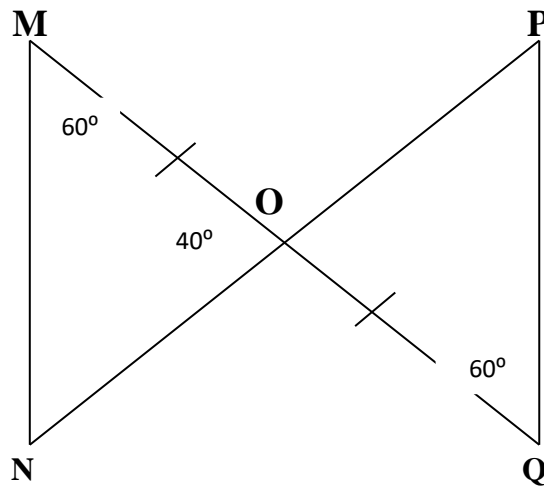
4. If the cost price of an article is Rs. 6400 and its selling price is Rs. 6200, find the percentage of profit or loss of the article.
5. In the given figure the triangles are congruent. Write their congruency in symbolic form. Give reason.



SECTION C

(Each question carries **3 marks**)

6. List four rational numbers between $\frac{-3}{5}$ and $\frac{-6}{7}$.
7. Juhi lent Rs.7000 at the rate of 3.5% p.a for 2 years and Arun lent Rs.7500 at the rate of 5% p.a for 3 years. Who earned more interest and by how much?
8. Prove that $\triangle MON \cong \triangle QOP$. Mention the congruence criterion. State the three pairs of congruent parts used. Give reason.



SECTION D

(1 × 4 = 4)

- 9.(i) Mohan secured 320 marks out of 400 and Sohan secured 420 marks out of 500. Find the percentage of their marks. Whose performance is better?
- (ii) Find the value of $-9 \div \frac{45}{7}$. Write the answer in standard form.

*******THE END*******