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**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST PERIODIC TEST 2022 – 23
MATHEMATICS (SET-B)**



CLASS-VIII
22.05.2022

Code: MZM01
Time Allotted: 40 Minutes
Max. Marks: 20

General Instructions.

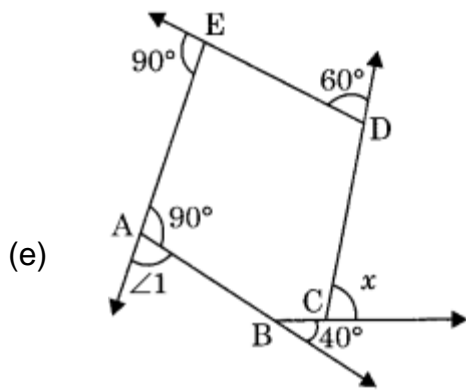
1. The question paper comprises of **three sections A, B, and C**. You have to attempt all the sections.
2. **All the questions are compulsory.**
3. **All the answers should be written in the answer sheet provided.**

Q.NO1 SECTION A - FILL IN THE BLANKS ('1' MARK EACH) – TOTAL – 04 MARKS Marks

- (a) There are _____ rational numbers between $\frac{-3}{8}$ and $\frac{3}{4}$. 1
- (b) The sum of the interior angles of a polygon with 12 sides is _____. 1
- (c) Measure of each exterior angle of 20-sided regular polygon is _____. 1
- (d) The product of $\frac{-5}{11}$ and its multiplicative inverse is _____. 1

Q.NO2 SECTION B – ('2' MARKS EACH) – TOTAL – 10 MARKS Marks

- (a) Find the number of sides for a regular polygon with each interior angle 135° . 2
- (b) How many diagonals are there for a polygon with 11 sides? 2
- (c) Find the additive inverse of $\left(\frac{-7}{15} \times \frac{5}{14}\right)$. 2
- (d) The product of two rational numbers is $\frac{-9}{10}$. If one of the rational numbers is $\left(\frac{2}{5} \times \frac{3}{4}\right)$ then find the other rational number. 2



2

Find the value of 'x'.

Q.NO **SECTION – C ('3' MARKS EACH) – TOTAL – 06 MARKS** Marks

3. The angles of a pentagon are in the ratio 2 : 3 : 5 : 7 : 10 . Find the largest and the smallest angles of the pentagon. 3

4. Simplify $\frac{-3}{7} \times \frac{5}{12} + \frac{11}{12} \times \frac{-3}{7} - \frac{-3}{7}$ using suitable properties. 3

End of question paper.