NAME		ROLL NO.	

INDIAN SCHOOL MUSCAT
MIDDLE SECTION
SECOND PERIODIC TEST 2019-20
MATHEMATICS (SET-B)

Code:MXM10

CLASS 7

14 .01.2020

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.   <u>**SECTION A ('1' MARK EACH) – TOTAL – 04 MARKS**</u>   **Marks**

(a) **Find the measure of the exterior angle of a triangle, if interior opposite angles are 60^0 and 45^0.**   **1**

(b) **Find the measure of each angle of a triangle DEF, if all the 3 angles are equal.**   **1**

(c) **One of the acute angles of a right triangle is 40^0.Find the other acute angle.**   **1**

(d) **The lengths of two sides of a triangle are 6cm and 8cm.Between what two measures should the length of the third side fall?**   **1**

Q.NO2.   <u>**SECTION B – ('2' MARKS EACH) – TOTAL – 10 MARKS**</u>   **Marks**

(a) **The three angles of a triangle are in the ratio 5 : 6 : 7. Find the largest angle.**   **2**

(b) **Verify if 5cm, 7cm, 9cm can be the lengths of the sides of a right angled triangle. (Show the working)**   **2**

(c) **Construct a right angled triangle ABC with $\underline{/A}$ = 90^0 , AB = 5 cm & BC= 7 cm.**   **2**

(d) **In $\triangle$ PQR, PR= PQ. Find the values of $\underline{/QRP}$, $\underline{/PQR}$, $\underline{/RPQ}$**

2

(e) **Construct a triangle LMN in which LM = 6cm , MN = 3cm and LN = 5cm.**   **2**

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

3. **The hypotenuse of a right triangle is 13cm long. If one of the remaining two sides is of length 12cm, find the length of the other side.**   **3**

4. **Draw a line m parallel to the given line n at a distance of 5.2cm away from it.**   **3**

End of the question paper