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**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
SECOND PERIODIC TEST 2018-19
SUBJECT – MATHEMATICS(SET A)**



CLASS : 07
16.01.2019

Code:MXM01
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.NO.1 **Marks**

SECTION A - FILL IN THE BLANKS

- (a) The exterior angle of a triangle is 70° , the measure of its adjacent interior angle is _____ 1
- (b) The longest side in the $\triangle ABC$,right angled at C is _____ . 1
- (c) Two angles of a triangle are 40° and 55° ,the measure of third angle is _____. 1

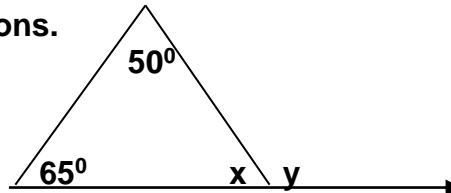
Q.NO.2 **Marks**

SECTION B-‘2’ MARK QUESTIONS

- (a) Is it possible to draw a triangle with sides 7.5cm , 3.5cm , 1.5cm. Give reason. 2

Find the values of x, y . Give reasons. 2

- (b)



- (c) Construct $\triangle PQR$ in which $PQ = 5\text{cm}$, $QR = 3.5\text{cm}$ and $PR = 5\text{cm}$. 2
- (d) Find the length of the side AB in the right triangle ABC with sides $AC = 13\text{cm}$, $BC = 5\text{cm}$ and $\angle B = 90^\circ$. 2

Q.NO **Marks**

SECTION - C (‘3’ MARK EACH – TOTAL (10 MARKS))

- 3 Draw a line AB and consider a point P not on it. Through P , draw a line XY parallel to line AB. 3
- 4 A 17m long ladder reached a window 15m high from the ground on placing it against a wall at a certain distance. Find the distance of the foot of the ladder from the wall. 3
- 5 Construct $\triangle ABC$ in which $BC=4\text{cm}$, $AB= 5\text{cm}$ and $\angle C = 90^\circ$ 3