NAME		ROLL NO.	

INDIAN SCHOOL MUSCAT
MIDDLE SECTION
HALF YEARLY EXAMINATION 2019–20
SUBJECT – MATHEMATICS

Code:MXM14

CLASS :6
19.09.2019

Time Allotted: 2 ½ hrs
Max .Marks: 80

General Instructions.

1.The question paper comprises of four sections A ,B, Cand D. 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'–('1' MARK EACH) – TOTAL – 20 MARKS** **Marks**

(a) The HCF of 99 and 100 is _____a) 9900 b) 100 c) 1 d) 0 **1**

(b) The number of lines can be drawn through two distinct points is _____ a)2 b)3 c)1 d)0 **1**

(c) 16 805 rounded off to nearest thousand is _____ a)16000 b)17000 c)10000 d)17800 **1**

(d) 179^0 is an _____angle a)obtuse b)straight c) reflex d) acute **1**

(e) In $\triangle$ PQR PQ = QR and $\angle Q = 90^0$ then the triangle is a _____ triangle **1**
a)scalene b)obtuse angled c)right d)isosceles right

(f) The numeral for eighty five million six thousand seventeen is _____ **1**
a)85 060 017 b)85 600 070 c)85 006 017 d)85 006 071

(g) _____ thousands make 650 000 a) 65 b) 650 c) 6500 d) 605 **1**

(h) The number divisible by 8 is _____ a) 1044 b) 3026 c) 7096 d) 2004 **1**

(i) The pairs of co prime numbers are _____ **1**
a) (12,21) b) (15,16) c) (24,16) d) (14,35)

(j) The diagonals of quadrilateral 'DEFG' are _____ and _____ **1**
a)DE,FG b) EF,GF c)DG,EF d)DF,EG

(k) Find all factors of 39. **1**

(l) Find the product of the successor and predecessor of 999. **1**

(m) Find the sum of place value and face value of 5 in 835219 . **1**

(n) Find the number of whole numbers between 565 and 705. **1**

(o) Name the property : 17+ (31+12) = (17+31) + 12 **1**

(p) How many right angles do you make if you start facing North and turn anticlockwise to East ? **1**

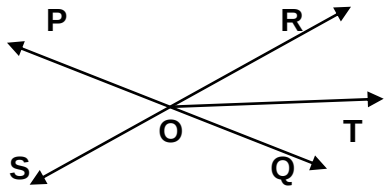
(q)	What fraction of a clockwise revolution does the hour hand of a clock turn through when it goes from 1 to 7?	1
(r)	Find the predecessor of the least 6 digit number.	1
(s)	Name two quadrilaterals having unequal diagonals.	1
(t)	If two lines have one common point, name the pair of lines.	1

Q.NO **SECTION 'B'–('2' MARKS EACH) – TOTAL – 12 MARKS** **Marks**

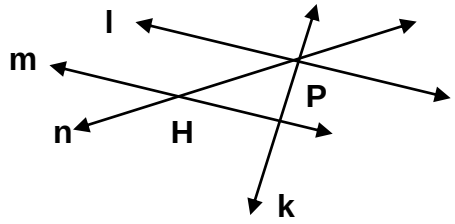
(2)	Find the sum by suitable re arrangement : 1563 + 202 + 1298 + 437	2
(3)	Estimate 67 + 343 + 2750 by rounding off each number to its greatest place .	2
(4)	Test the divisibility of 64968 by 6 (show working)	2
(5)	Draw any ∆PQR. Mark a point "S"in its interior and a point "T" in its exterior.	2
(6)	Name the triangles from the following measurements a) ∆ ABC /A = 60^0, /B= 70^0, /C= 50^0 b) ∆ PQR PQ = QR = PR c) ∆ MNO /N = 120^0 ; /M= 35^0 ; /O= 25^0 d) ∆ DEF DE= 5 cm EF = 6 cm DF = 7 cm	2
(7)	Where will the hour hand of a clock stops if it a) starts at 5 and makes ¼ of revolution clockwise ? b) starts at 2 and makes ¾ of revolution clockwise ?	2

Q.NO **SECTION 'C'–('3' MARKS EACH) – TOTAL – 24 MARKS** **Marks**

(8)	Find the HCF of 60, 84 and 132	3
(9)	Simplify and find the value : 12 + (24 ÷ 4) × 3 - 1	3
(10)	Find the value using suitable property : 345 × 999	3
(11)	If a box of chocolates costs ₹ 75 and a packet of biscuits costs ₹ 25 , what is the total cost of 120 boxes of chocolates and 200 packets of biscuits ?	3
(12)	Find the LCM of 18 , 30 and 45 by Division method	3
(13)	Shankar sold 56 English books for ₹ 125 per book and 56 Hindi books for ₹ 75 per book. Find the total amount he received.	3
(14)	From the following figure a) Identify any three angles b) Write any four Rays c) Name two angles having common ray OT ?	3

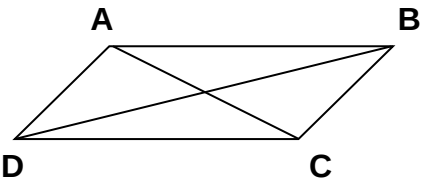


(15) From the following figure name
a) a pair of intersecting lines
b) a pair of parallel lines
c) the meeting point of line ‘m’ and line ‘n’



3

Q.NO	SECTION ‘D’–(‘4’ MARKS EACH) – TOTAL – 24 MARKS	Marks
(16)	a) Find the product by suitable re arrangement : 50 × 125 × 8 × 4 b) Find the difference between the predecessor of 10990 and successor of 909.	4
(17)	Find the value using suitable property : 574 × 177 + 574 × 22 + 574 OR Find the value using suitable property : 896 × 231 + 124 × 231 – 20 × 231	4
(18)	Test the divisibility of 574321 by 11 (show working).	4
(19)	Three women go out together for their morning walk.Their steps measure 60 cm, 75 cm and 120 cm respectively. What is the minimum distance each should walk so that all can cover the same distance ?	4
(20)	Draw a circle of any radius and a) mark the centre “O” b) draw any diameter and name it c) draw a chord AB d) shade a sector e) mark a point “S” in its interior and “T” in the exterior of the circle.	4
(21)	From the following quadrilateral ABCD write a)a pair of adjacent sides b)a pair of opposite angles c)a pair of diagonals d)a pair of opposite sides	4



End of the question paper.