Name		Roll Number	

INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST TERM EXAMINATION 2018-19

SUBJECT - MATHEMATICS

Code: MXM10

CLASS: **6**

Time Allotted: 2 ½ Hrs.

23.09.2018

Max .Marks: 80

General Instructions.

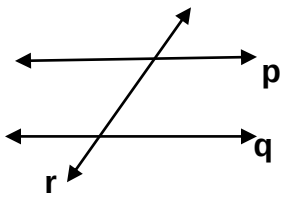
1. The question paper comprises of **four Sections, A,B,C, D**.You have to attempt all the sections.
2. **All**the questions are **compulsory.**
3. **All the answers should be written in the answer sheet provided.**

SECTION A

Qns		Marks
1.	**Find the sum of the place values of 5's in 65,459.**	**1**
2.	**Find the number of whole numbers between 23 and 55.**	**1**
3.	**If the radius of a circle is 3cm, then what is the length of each diameter?**	**1**
4.	**What is the HCF of 15 and 16?**	**1**
5.	**What is the name of the angle that measures exactly 180^0?**	**1**
6.	**Write the prime numbers between 18 and 24?**	**1**

SECTION B

7.	**Insert commas suitably and write the number name of 56943102 in Indian system of numeration.**	**2**
8.	**Find the greatest and the smallest numbers that can be formed by using the digits 9,0,2,5,7,4 each only once.**	**2**
9.	**Find the value using suitable property : 2479 × 143 – 2479 × 43**	**2**
10.	**Which direction will you face if you start facing -** **i)South and make $\frac{3}{4}$ of a revolution clockwise?** **ii)East and make $\frac{1}{4}$ of a revolution anticlockwise?**	**2**
11.	**From the given figure, name the following.** **i) A pair of intersecting lines.** **ii) A pair of parallel lines.**	**2**
12.	**Find the prime factorization of 144.**	**2**

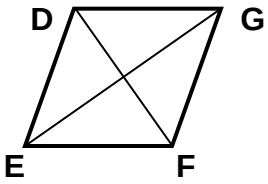


SECTION C

13. **Estimate (5644 + 1789) by rounding off each number to its nearest 100.** **3**

14. **The weight of each gas cylinder is 21kg 270g. Find the weight of 34 such cylinders.** **3**

15. **Find the sum of (409 + 168 + 591 + 432) by suitable rearrangement.** **3**

16. 

In the given quadrilateral DEFG, namethe following. **3**
a) a pair of opposite sides.
b) a pair of opposite angles.
c) the two diagonals.

17. **Using divisibility test, determine if 56248 is divisible by 8.(Show the working)** **3**

18. **The numbers of students from three sections of class VI are 32, 36, and 40. Find the minimum number of books required for their class library so that they can be equally distributed among the students of three sections.** **3**

19. **Find the product of (125 × 50 × 8 × 7) by suitable rearrangement.** **3**

20. **Find the HCF of12, 18,and 48by continued division method.** **3**

21. **Find the number of right angles turned through by the hour hand of a clock when it moves from** **3**
i) 9 to 6 **ii) 11 to 2** **iii) 4 to 10**

22. **Find the product using suitable property: (397 × 55) + (397 × 44) + 397** **3**

SECTION D

23. **Find the value of 24 ÷ (9 – 5) + 6 × 4 using BODMAS rule.** **4**

24. **If a table costs Rs 4550 and a chair costs Rs 1450, find the total amount needed to buy 30 tables and 30 chairs.** **4**

25. **86,550 books are to be packed in different boxes, each containing 30 books. How many boxes are required to pack all the books?** **4**

26. **Using divisibility test,determine if154726 is divisible by 11. (Show the working)** **4**

27. **Name the types of the following triangles based on the measurements given.** **4**
i) ∆ PQR with PQ = QR = 5cm and /Q = 90^0
ii) ∆XYZ with XY = YZ = ZX = 7cm
iii) ∆ DEF with DE = 4cm , EF = 3cm , FD = 6cm
iv) ∆ABC with /C = 115^0

28. **Find the value using suitable property. 245 × 1006** **4**

29. **Find the least number which when divided by 12, 15, 18 leaves remainder 10 in each case.** **4**

30. **Draw a circle of anyradius and mark the following.** **4**
i)centre O **ii) a radius OP** **iii) A point S in its interior**
iv) a chord AB **v) an arc RS** **vi) shade a segment**

End of the Question Paper.