NEW ALWUROOD INTERNATIONAL SCHOOL, JEDDAH

Affiliated to CBSE – New Delhi, No:5730008

Pre-Midterm Examination (2018-19)

Subject:MATHEMATICS

Date:24.06.2018 **Set:A** **Time: 2 ½ Hours**

Class: 07 **Max.Marks: 80**

General Instructions:

1. *All questions are compulsory*
2. *The question paper consist of 35 questions divided into four sections A, B, C & D, Section A comprises of 15 questions of 1 mark each, Section B comprises of 7 questions of 2 mark each, Section C comprises of 7 questions of 3 mark each and Section D comprises of 6 questions of 5 mark each.*
3. *Use of calculator is not permitted.*

Section A **(10 X 1M=10M)**

I. A. Fill in the blanks.

a) When two negative integers are added we get a _____integer.

b) 2.85÷1000 =

c) $4 \div \frac{1}{5}$ =_____.

d) Range of data given is _____. (45,48,85,12,32,45,45,12)

e) For any integer a, a×0 = 0×a =_____.

B. Choose the correct answer.

f) (-15) x [(-7)+(-1)] =_____

a.23 b.-120 c.-23 d.120

g) What is the reciprocal of $2\frac{3}{5}$?

a.$10\frac{3}{5}$ b. $\frac{5}{13}$ c.$10\frac{5}{3}$ d.$\frac{13}{5}$

h) Which of the following represents the mean of the given numbers?

37,54,65,32

a.42 b.47 c.50 d.54

i) 15.6 ÷ 1000 =_____.

a.156 b.0.0156 c.0.1056 d.0.156

j).Write the absolute value for the integer | -354| =

a. 354 b. -354 c. $\frac{1}{354}$ d. 0

C. True or False.

k).We can add one or more zero to the end of the decimal number.

l). When a number multiplies by its reciprocal the product is always one.

m).Fractions that have different denominators are called like fractions.

n).The multiplicative identity for integers is zero.

o).We get an integer as the answer when we add or subtract two integers.

Section B **(7 X 2M = 14 M)**

1. The rainfall in a city for 7 days was 12 mm, 13mm, 15mm 21mm , 20mm, 12mm and 9mm, respectively. Find the mean, mode median and range.
2. Solve using long division.
   2.125÷0.17
3. A factory makes 6.3 biscuits every second. How many biscuits will they make in one minute?
4. Solve $1\frac{2}{7} \div \frac{12}{3}$
5. What is $\frac{1}{4}$ of $\frac{10}{40}$?
6. Find the product using suitable property: 28 x (17+18)
7. Write pair of integers whose sum is -5?

Section C **(7 X 3M = 21M)**

8. Find the mean, median and mode?
   1, 1, -1, 2, 2, 3, -3, -2, 1.

9. Sameer ran a total of 57.2 km over 8 days how far did he run each day?
10. Habib takes an auto rickshaw to and from school each day he lives 6.23 km from school.How far will Habib travel in 12 days ?
11. Solve $\frac{1}{6} \div \frac{1}{5} \text{x} 1\frac{1}{5}$
12. Ali drank $\frac{2}{3}$ of $5\frac{1}{5}$ liters of water. How much water did Ali drink?
13. Verify 14 x (-5) x (-7) = [14x(-5)] x (-7)
14. Solve 69 + (-18) + (-32) using the associative property?

Section D **(6 X 5M = 30M)**

15. The population of a few the cities of a country are as follows

Cities	Population (in lakhs)
A	481
B	347
C	729
D	3688
E	805
F	32
G	2780

a. Find the mean, median and mode for the give data
b. Which of these is the most representative?

16. If the perimeter of the square plot is $\frac{2}{9}$m, find the length of each side.
17. Each bag in the shop holds 1.4 kg of rice. Peter fills up 3.2 bags. How much rice has he filled ?
18. A petrol pump delivers $4\frac{2}{5}$ liters of petrol per minute. How many minutes will it take to fill a tank that holds $16\frac{1}{4}$ liters.
19. Ashok had $3\frac{3}{4}$cups of sugar. He used $1\frac{2}{3}$ cup of sugar to bake a cake. How much sugar does Ashok have left?
20. The sum of two integers is +20. Dividing the larger by the smaller integer gives a quotient of -3. What are the two integers?