NAME:………………………………………………………ADM:……….CLASS:……………..

FORM 1
MATHEMATICS
MID TERM EXAM
TIME:1 HOUR 15 MINUTES

Answer all the questions provided
1. What is the place value of total value of digit 6 underlined below..   (3mks)
   47,397,263,402

2. Round off the following numbers to the nearest number indicated in the brackets.   (3mks)
   a) 473,678(100)

   b) 379(10)

   c) 38,679(10,000)

3. Write the following in symbols.   (2mks)
   a) Five billion, five million, five thousand and five.

   b) Write the following in words 80,000,045, 000   (2mks)

4. Express the following numbers as a product of their prime factors.
   a) 900   (2mks)

   b) 300   (2mks)

   c) 196   (2mks

   d) 64   (2mks)

5. Use the numberline to perform the following.
   a) (+5) – (-2)   (2mks)

   b) (+2) + (+3)   (2mks)

   c) -7- (-8)   (2mks)

6. The G.C.D of two numbers is 12 and their L.C.M is 240. If one of the numbers is 60. Find the other
   number.   (3mks)

7. If x=-2, 7=-6 and Z=4. Find the values of
   (a) $\underline{4xy}$ (3mks)
z

   (b) 4z+2y-x   (3mks)

8. Three tanks are capable of holding 36, 84 and 90 Litres of milk. Determine the capacity of the
   greatest vessel which can be used to fill each one of them on exact number of times.   (3mks)

9. Test whether the following numbers are divisible by 3. (4mks)
a) 1257

b) 7203

10. Three bells ring at itervals of 40 minutes, 45 minutes and 60 minutes. If they ring simultaneous at 6.30 a.m. at what time will they next ring together. (4mks)

11. A bookstore had 30816 exercise books which were packed in cartons. Each carton contained 24 exercise books. The mass of an empty carton was 2kg and a full carton 12kg.
a) How many cartons were there (2mks)

b) What was the total mass of the empty cartons. (2mks)

c) What was the total mass of books alone? (2mks)