CLASS : VI   TIME : 40 MINUTES

DATE : 01/06/2014   MARKS : 20

Note :

Do the calculations in working column.

Give necessary formulae and steps wherever required.

SECTION A (Each question carries 1 mark)

1. The number of factors of a number is _____

    (a) 0   (b) 1   (c) finite   (d) infinite

2. The number of common points of two intersecting lines is _____

    (a) 1   (b) 2   (c) 0   (d) 3

3. If a number is divisible by both 4 and 5 then that number is always divisible by _____

    (a) 9   (b) 20   (c) 0   (d) 10

SECTION B (Each question carries 2 marks)

4. Find four common multiples of 6 and 9.

5. Find HCF of 160 and 240.

SECTION C (Each question carries 3 marks)

6. Using divisibility test determine the divisibility of 13310 by 11.

7. Draw any polygon. Mark a point A in the interior and a point B in the exterior of that polygon.

8. Find the sum of the greatest three digit number and the smallest natural number. Also do prime factorisation of the resulting number.

SECTION D (Each question carries 4 marks)

9. There are three sections of Class VI in a school. In section A there are 35 students, in B there are 40 students and in C there are 30 students. Find the minimum number of books required for the class library for equal distribution in sections A, B and C.

*****THE END*****