Divisibility Rule

WorkSheet-1

I. State whether the following sentences are True or False

1) Any number ending with 3,6,9 is divisible by 3.   (   )

2) If any number is divisible by both 2 and 3 then it is divisible by 6 also.   (   )

3) If any number is divisible by both 2 and 5 then it is divisible by 10 also.   (   )

4) If the sum of all the digits in a number is '9' then the number is divisible by 9.   (   )

5) Any number ending with '0' is not divisible by '5'.   (   )

II. Choose the correct answer

1) Which of the following is divisible by 6   (   )

   a)435   b)826   c)180   d)501

2) Which of the following is not divisible by 9   (   )
   a) 333   b) 111   c) 999   d) 666

3) Which of the following is divisible by 3   (   )
   a) 207   b) 217   c) 227   d) 247

4) Which of the following is divisible by both 3 and 9   (   )
   a) 717   b) 819   c) 463   d) 543

5) Which of the following is not divisible by 10 but divisible by 5   (   )
   a) 11000   b)39800   c)27610   d)98765

Answer Key

I.

1) No   2) Yes   3) Yes   4) Yes   5) No

II.

1) c   2) b   3) a   4) b   5) d