BAL BHARATI PUBLIC SCHOOL
Ganga Ram Hospital Marg
FA (3)
Subject : Mathematics
Class – VIII
Assignment – 10
CHAPTER – 5 – PLAYING WITH NUMBER

Choose the correct option (Question No. 1 – 4)

Q.1   A number divisible by a will also be divisible by
(a)   18   (b)   27   (c)   3   (d)   6

Q.2   If a no. is divisible by 2 and 3 both, then it must be divisible by
(a)   6   (b)   5   (c)   4   (d)   8

Q.3   The number 100a + 10b + 3c has
(a)   1 digit   (b)   2 digits   (c)   3 digits (d)   4 digits

Q.4   Which of the following statements is true?
(a)   1581395 is divisible by 10   (b)   8210 is divisible by 10 and not by 5
(c)   15961 is not divisible by 2   (d)   56972 is a multiple of 3

Q.5   Fill in the blanks
(a)   If the number ends is a zero, the number is divisible by _____
(b)   If a number ends _____ or _____, it is divisible by 5.

Q.6   Write the number 541 in the form 10a+b.

Q.7   Write the number equivalent to 100 x 3 + 10 x 0 + 1 x 2.

Q.8   Which of the following numbers are divisible by 9 781, 1002, 5634, 60174.

Q.9   If 15a is divisible by 9 find the value of 'a'.

Q.10   If 27y4 is a multiple of 3 where y is digit, find what possible values can y take?

Q.11   Express in generalized form
(a)   182   (b)   316   (c)   495

Q.12   Find the values of A, B and C.

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           A   B                      4   5                     3   A   B
(a)      +  3   7          (b)      +  3   A         (c)      +  C   5   8
        _____                _____              _____
           6   A                      B   2                     8   1   3
        _____                _____              _____
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