# BAL BHARATI PUBLIC SCHOOL <br> Ganga Ram Hospital Marg <br> FA (3) <br> Subject : Mathematics <br> Class - VIII <br> Assignment - 10 <br> 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 $100 a+10 b+3 c$ 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 $\qquad$ or $\qquad$ it is divisible by 5 .
Q. 6 Write the number 541 in the form $10 \mathrm{a}+\mathrm{b}$.
Q. 7 Write the number equivalent to $100 \times 3+10 \times 0+1 \times 2$.
Q. 8 Which of the following numbers are divisible by $9781,1002,5634,60174$.
Q. 9 If 15 a is divisible by 9 find the value of ' a '.
Q. 10 If 27 y 4 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.
(a) $\begin{array}{r}\mathrm{A} \text { B } \\ +\quad 3 \quad 7 \\ \hline 6 \mathrm{~A} \\ \hline\end{array}$
(b)

| 45 |
| ---: |
| $+\quad 3 \quad \mathrm{~A}$ |
| B 2 |

(c)

| 3 |
| ---: |
|  |
| $+\quad \mathrm{C}$ | | B |
| ---: |
| 8 |

