

FA (3)
Subject : Mathematics
Class – VIII
Assignment – 3
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 in 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 $100 \times 3 + 10 \times 0 + 1 \times 2$.
- 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.

$$\begin{array}{r} \text{(a)} \quad \begin{array}{r} A B \\ + 3 7 \\ \hline 6 A \end{array} \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \begin{array}{r} 4 5 \\ + 3 A \\ \hline B 2 \end{array} \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \begin{array}{r} 3 A B \\ + C 5 8 \\ \hline 8 1 3 \end{array} \end{array}$$