

CHAPTER - 16**Playing with Numbers****Questions carrying 1 mark each :-**

Q.1 Each digit of a number has a _____ value.

Q.2 Write 750 in generalised form.

Questions carrying 2 marks each :

Q.3 Check the divisibility of 235 by 3.

Q.4 Find the values of a and b in the following :

$$\begin{array}{r}
 29 \\
 +ba \\
 \hline
 73 \\
 \hline
 \end{array}$$

Q.5 Write all numbers between 50 and 60 which are divisible by 2.

Questions carrying 3 marks each :-

Q.6 Find the value of a, b and c in the following :-

$$\begin{array}{r}
 a1 \\
 \times cb \\
 \hline
 306 \\
 357x \\
 \hline
 3876 \\
 \hline
 \end{array}$$

Q.7 The unit's digit of a number is 7. Find the remainder when it is divided by 2,5 and 10.

Q.8 If $43x0$ is a multiple of 2, where x is a digit, what might be the values of x ?

Multiple Choice Questions carrying 1 mark each :-

Q.9 In 316, the place value of 1 is

- a) 1×10 b) 1×100 c) 1×1 d) 1×1000

Q.10 A number N is divisible by 9, if the sum of its digits is divisible by

- a) 3 b) 6 c) 9 d) None of these