MATHEMATICS IN EVERYDAY LIFE-8

Chapter 5 : Playing with Numbers

ASSESSMENT Max.Marks : 20

CORDO

A :	Choose the correct alternatives in each of t	he following :		$(1 \times 5 = 5)$
1.	From 1 to 100, how many numbers are exactly divisible by 10?			
	(a) 7 (b) 8	(c) 9	(d)	10
2.	Largest number that can be written using three 2's is given by			
	(a) 222 (b) $(2^2)^2$	(c) 2^{22}	d (d)	(22) ²
3.	The difference of any two digit number <i>ab</i> and the number <i>ba</i> by reversing its digits, is exactly divisible by			
	(a) 9 (b) 11	(c) 9 a:	and 11 both (d)	none of these
4.	If the number 2A3 is divisible by 9, then A can be replaced by			
	(a) 3 (b) 4	(c) 5	(<i>d</i>)	6
5.	Largest three digit number divisible by 5 is			
	(a) 990 (b) 980	(c) 995	5 (<i>d</i>)	985
B :	Solve the following :			(3 × 5 = 15)
1.	Find the values of letters and give the reason for the steps involved.			
	(<i>i</i>) 2 A B (<i>ii</i>) A	В		
	+ A B 1	× 3		

2. Without performing actual subtraction and division, find the quotient when the difference of 985 and 589 is divided by 4.

- **3.** If 7251*z*93 is a multiple of 11, where z is a digit, then find the value of z.
- 4. Use the consecutive numbers from 8 to 16 to complete the magic box with magic sum 36.

В

C A



5. Find the missing number.

В

1

8

