**Std. : 8th ICSE Date : 02/07/2017**

**Sub : Maths (P.R) Marks : 30 Time : 1 hr.**

**Centre: Prahladnagar**

**Ch : Playing with Number**

* **Each question is of 3 marks :**

Q.1If 21 2x 5 is a multiple of 3 × 11. Find the value of ‘x’.

Q.2 Let E = 3, B = 7 and A = 4. Find the other digits in the sun.



Q.3 Find the value of ‘k’ where 31 k 2 is divisible by 6.

Q.4 A three digit no. 2 a 3 is added to the number 326 to give a three digit number 5b9 which is divisible by 9. Find the value of b – a.

Q.5 

Q.6 

Q.7 True or false.

(i) A two – digit number ‘ab’ is always divisible by ‘2’ if ‘b’ is an even number.

(ii) A three digit number ‘abc’ is divisible by 5 if ‘c’ is an even number.

(iii) A four digit number abcd is divisible by ‘4’ if ‘ab’ is divisible by 4.

Q.8 

Q.9 

Q.10 Let D = 3, L = 7, and A = 8. Find the other digits in the sum.



**\*Best of Luck\***