**Std. : 8th ICSE Date : 30/04/2017**

**Sub : Maths Marks : 30 Time : 1 hr.**

**NOTE: QUES. 1 TO 8 are OF 3 MARKS AND QUES 8 IS OF 6 MARKS**

Q.1 Simplify the following :

 (i) 

 (ii) 

Q.2 Given that  and , vefity that

 (i) a × c = c × a

 (ii) a + (b + c) = (a + b) + c

 (iii) a × (b – c) = (a × b) – (a × c)

Q.3 Find the greatest no. that divider 24307, 25091, and 25875 leaving exactly 3 as remainder in each case.

Q.4 Divide Rs. 13878 between A, B and C such that A’s share is 0.65 part of B’s share and C’s share is 0.92 part of B’s share.

Q.5 Light travels at a speed of 299792500 m/s. Write the speed of light in scientific notation.

Q.6 Simplify : (i)  (ii) 

Q.7 Simplify : (i)  (ii) 

Q.8 Multiply together and by using the laws of exponents, simplify.

 

Q.9 Evaluate

 (i)  (ii) 

 (iii)  (iv) 

 (v)  (vi) 

**\*Best of Luck\***