**JULY III WEEKLY TEST**

**CLASS XII MATHS**

**Time-30min M.M.10**

**NOTE- *Attempt all questions*.**

1. **Differentiate log7*x* w.r.t. ‘*x*’ (1)**
2. **Find dy/dx if y = tan-1 (2x+1/14x) (1)**
3. **Find dy/dx if y = xlog x + (log x)x**

**OR**

**If x = a () and**

**y = a ()(4)**

**Find d2y/dx2 :-**

1. **Determine the value of a,b and c if the fraction**

**= (4)**

**THE END**