**OCTOBER I WEEKLY TEST**

**CLASS XII MATHS**

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

***NOTE:- Attempt all the questions.***

**1. Find the degree and order of the following differential equation**

 **(1)**

**2. Write the differential equation representing the family of curve**

**y=mx, where m is arbitrary constant. (1)**

**3. Verify that the function y=ex+1 is a solution of the differential equation:**  **(2)**

**4. Find the general solution the differential equation:** 

**(2)**

**5. Find the equation of the curve passing through the point (1, 1) whose differential equation is**  **(4)**

**THE END**