**NOVEMBER II WEEKLY TEST**

**CLASS XII MATHS**

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

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

**1. Find the distance between the planes 2x+ 3y +4z =4 and 4x + 6y + 8z =12.**

**(1)**

**2. Find the distance of the point (2, 3, 4) from**

**the plane  (1)**

**3. If the lines are perpendicular. Find the value of p.**

**(2)**

**4. Find the equation of the plane passing through the line of intersection of the planes x + y + z -1 = 0 and 2x +3y + 4z --5 = 0 and parallel to the plane x -- y + z = 0.**

**OR**

**Find the distance of the point (-2, 3, - 4) from the line measured parallel tom the plane 4x + 12y --3 z + 1= 0. (6)**

**THE END**