**NOVEMBER I WEEKLY TEST**

**CLASS XII MATHS**

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

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

**1. Find the equation of the plane making equal intercepts on axes and passing the point (2, 8, 3). (1)**

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

**Plane (1)**

**3. Find the shortest distance between the two lines whose vector equations are**

**= ( +2 +3) + λ ( -3 +2) and = ( 4 +5 6) +µ (2 +3 + )**

**(4)**

**4. Find the vector equation of a line passing through a point with position vector A (-+- + ) and parallel to a line joining the points with position vectors B( - +4 +) and C ( +2+2) also find the Cartesian form. (4)**

**THE END**