**ASSIGNMENT NO.- 13[Ch-11(Three Dimensional Geometry)]**

**Class -XII**

1. Find the angle between the lines and .

2. Find the distance between the parallel lines

and

3. Find the angle between the pair of lines and

4. Find the angle between the lines and .

5. Find the shortst distance between the lines whose vector equations are

and

6. Show that the angle between any two diagonals of a cube is

7. Find the distance of the point from the plane

8. Find the distance between the planes and

9. Find the measure of angle between the line and the plane

10. Find the equation of the plane through the points and (3,1,7).