**OCTOBER III WEEKLY TEST**

**CLASS XII MATHS**

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

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

**1. Find a vector in the direction of vector = -2 that have magnitude 7 units. 1M 2. Write the value of p for which =3+2+9 and**

**= +p+ 3 are parallel vector. 1M 3. Show that the four points A,B,C and D with position vector ,**

**- , and 4 respectively coplanar. 2M**

**4. Let = +4+ 2 , =-2+ 7 and = -+ 4.**

**Find a vector which is perpendicular to both and**

**and=18 . 2M**

**5.If and |3 , = 3 = 7, then show that**

**the angle b/w them and is 60. 2M**

**6. Find a unit vector perpendicular to both of the vectorsand where = , = +2+ 3. 2M**

**THE END**