**Viva Voice**

**Q1:What is force:**

**Ans:**That agency which changes or tends to change the state of rest or of uniform motion of a body.Or it produces acceleration in a body.

**Q2:What do you mean by rectangular components of vector?**

**Ans:**The components of a vector along two mutually perpendicular lines are called rectangular components.

**Q3:What is resolution of vector?**

**Ans:**The splitting up of a single vector into two or more vector components is called resolution of a vector.

**Q4:What is resultant vector?**

**Ans:**It is the single vector which has the same effect as the combined effect of two or more vectors.

**Q5:What is difference between mass and weight of a body?**

**Ans:**The mass of a body is the quantity of matter contained in it.It is constant for a body everywhere.The weight is the force with which the body is attracted towards the center of the earth.It is given by W=mg.

**Q6:What is unit of force.Define?**

**Ans:**The unit is Newton.It is the force which accelerates the body of mass 1Kg at the rate of m/s2.

**Q7:How will you reverse the direction of vector?**

**Ans:**By attaching a negative sign to it.

**Q8:What are the components of vectors?**

**Ans:**A number of vectors making a resultant vector are called components of vector.