**1. TRUE and !(TRUE or FALSE) and !TRUE or FALSE= False**

**2.TRUE or TRUE and FALSE or !TRUE and !(TRUE or TRUE)= False**

**3. TRUE or !(TRUE and FALSE and !(TRUE and FALSE)) =Ture**

**4. FALSE or !TRUE and TRUE = False**

**5. TRUE or !FALSE and TRUE or !(TRUE or TRUE and !FALSE) = true**

**6. !(TRUE and !((!(FALSE and TRUE) and TRUE) or FALSE) or FALSE) = Fals**

**7 -TRUE and FALSE or !TRUE and !(TRUE and FALSE) and !(TRUE or TRUE) = False**

**8. TRUE or !FALSE and !(TRUE or FALSE) and FALS = Ture**

**9. !TRUE or FALSE and FALSE and (!(TRUE and FALSE) or TRUE) = True**

**10. TRUE or FALSE and TRUE or !(TRUE and FALSE or TRUE) = True**