1. T (n) = 3T (n/2) + n

**Ans-: T(n)= Θ (n ^log 2( base 3)**

1. T (n) = 64T (n/8) − n^2(log n)

**Ans-: NA**

1. T (n) = 2nT (n/2) + n^n

**Ans-: NA**

1. T (n) = 3T (n/3) + n/2

**Ans-: T(n)= Θ (n log n)**

e)  .T(n)=7T(n/3)+n^2

**Ans-: T(n)= Θ (n ^2)**