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

**Ans. T(n) = Θ(n^log23)**

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(nlogn)**

1. T (n) = 7T (n/3) + n^2

**Ans. T(n) = Θ(n^2)**