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

Time complexity is – Θ(n ^log 3)

1. T(n) =64T(n/8)-n^2(log n)

Does not apply as f(n) is not positive

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

Does not apply as a=2n which is not a constant

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

Time complexity is – Θ(n log n)

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

Time complexity – Θ(n^2)