a) T(n) = 3T (n/2) + n => **T(n) = Θ(n^log 3)**

b) T(n) = 64T (n/8) − n^2(log n) =>**NA**

c) T(n) = 2nT (n/2) + n^n => **NA**

d) T(n) = 3T (n/3) + n/2 =>**T(n) = Θ(n log n)**

e) T(n)=7T(n/3)+n^2 => **Θ(n^2)**