**GRADED ASSIGNMENT 2**

**PART 1**

**Master’s Theorem**

**a) T(n) = 3T(n/2) +n** **Θ(nlog3base 2)**

**b) T(n) = 64T(n/8) – n^2logn NA**

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

**d) T(n) = 3T(n/3) +n/2 Θ(nlogn)**

**e) T(n) = 7T(n/3) + n^2 Θ(n2)**