Design and Analysis of Algorithms (CS302) Section 6C
Quiz 1

Q1) True / False: Justify your answer   (10 Marks = 2.5 %)

1. $3^{n+4} = O(3^n)$

2. $2^{6n} = O(2^n)$

3. 9^n is $\Theta(3^n)$

4. 8^n is $\Omega(4^n)$

5. $3n^2 + 20n$ is $\Theta(n^3)$