**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Department of Computer Science and Engineering**

**CSE340: Computer Architecture   
Fall 2014**

**Quiz-1**

**Full Marks:15 Time: 20 Mins**

1. Show that. Using Boolean expression. **6**
2. Using T-FF design a counter that can count from decimal 0 to 10 in binary**.** **9**