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

**Department of Computer Science and Engineering**

**CSE340: Computer Architecture   
Summer 2015**

**Quiz-2**

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

1. Define computer Architecture? What are the role of a computer Architect? **7**
2. Encode lw $10,24($7). Write the MIPS code of the expression x[10]=x[12]+5. **8**

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

**Department of Computer Science and Engineering**

**CSE340: Computer Architecture   
Summer 2015**

**Quiz-2**

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

1. Define instruction set architecture and Datapath. 7
2. Encode sw $10,40($9). Write the MIPS code of the expression x[15]=x[10]+3. **8**