Student Name:
Student No:

## Computer Engineering Department
# Quiz Exam, Second Semester: 2010/2011

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| **Course Title: Advanced Computer Architecture** | **Date:  18/5/2011** |
| **Course No:  630561** | **Time Allowed: 5 minutes** |
| **Instructor:  Prof. Kasim Al-Aubidy** | **No. of Pages:  1** |

**Quiz 4:**                                                                                            **[5 Marks]**

Shared memory systems can be designed using bus-based or switch-based interconnection networks.

1. Give the general layout for each system?

| **Bus-Based Shared Memory** | **Switch-Based Shared Memory** |
|---|---|
|  |  |

2. List the advantages and disadvantages of each system?

| | **Bus-Based Shared Memory** | **Switch-Based Shared Memory** |
|---|---|---|
| **Advantages** |  |  |
| **Disadvantages** |  |  |