

Department of Computer Science and Engineering  
CSE 3223: Information System Design and Software Engineering  
Class Test # 3 (Set-A)

Marks: 10

Time: 25 min

Student ID: .....

Name: .....

**Instructions: Be very specific for answering the questions.**

**Questions:**

1. Why is sequence diagram important for designing a system? [2]
2. Why is object modeling of a software important? [2]
3. Write briefly about Grid Computing? [2]
4. What do you mean by daily SCRUM? [2]
5. Why is product backlog used in SCRUM process? [2]

Department of Computer Science and Engineering  
CSE 3223: Information System Design and Software Engineering  
Class Test # 3 (Set-B)

Marks: 10

Time: 25 min

Student ID: .....

Name: .....

**Instructions: Be very specific for answering the questions.**

**Questions:**

1. Why is activity diagram important for designing a system? [2]
2. Why is architecture of a software important? [2]
3. Write briefly about cognitive machine? [2]
4. What do you mean by daily SCRUM? [2]
5. Why is sprint backlog used in SCRUM process? [2]

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**Questions:**

1. Why is sequence diagram important for designing a system? [2]
2. What do you mean by daily SCRUM? [2]
3. Write briefly about the drawbacks of RAD model. [2]
4. Draw an Object Model for the following scenario: [4]

Classroom has chairs and tables. A chair is made of arm and rest. A table consists of table top and legs. Classroom also has three windows and a door. Classroom is made of brick, sand and cement. Some windows have two part divination.

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**Instructions: Be very specific for answering the questions.**

**Questions:**

1. Why is activity diagram important for designing a system? [2]
2. What are the questions asked in a SCRUM meeting? [2]
3. Write briefly about the drawbacks of Spiral model. [2]
4. Draw an Object Model for the following scenario: [4]

Classroom has chairs and tables. A chair is made of arm and rest. A table consists of table top and legs. Classroom also has five windows and two doors. Classroom is made of brick, sand and cement. Some windows have two part divination.