Code No:   A107320506                                                    Set No. 1

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**
**III B.Tech. II Sem., II Mid-Term Examinations, April – 2010**
**OBJECT ORIENTED ANALYSIS AND DESIGN**
**Objective Exam**

Name: _____ Hall Ticket No. ☐☐☐☐☐☐|A|☐☐☐☐

**Answer All Questions. All Questions Carry Equal Marks.Time: 20 Min. Marks: 20.**

**I      Choose the correct alternative:**

1.      _____ is an ongoing non atomic execution within a state machine        [      ]
        a. Activity    b. State    c. Event      d. Use care

2.      An action state using _____ shape                                          [      ]
        a. Rectangle    b) Square    c) Lozenge    d) Circular

3.      _____ is a semantic statement about the relative or absolute value of time  [      ]
        a. Time expression   b. Timing constraint   c. Timing mark    d. Time critical

4.      Executables and libraries are modeled using                                     [      ]
        a. Components    b. Deployment    c. Use case    d.  Activity

5.      Nodes are important in _ _ _ _ _ _ _ _ view                                     [      ]
        a. Analysis    b. Design   c. Implementation    d. Deployment

6.      State chart diagram contains                                                    [      ]
        a. Composite states   b. Events   c. Actions   d. Above all

7.      Which event represents a change in state or the satisfaction of some condition  [      ]
        a. Change event    b. Time event    c. Call event    d. Signal event

8.      Which of the following is a valid use case for library system                   [      ]
        a. Register     b. Issue Book   c. Student  d. Book

9.      _____ is rendered as an ellipse with dashed lines                      [      ]
        a. Use case     b. Actor    c. Activity    d. collaboration

10.     Deployment diagram is used to model                                             [      ]
        a. The vocabulary of a system            b The executables and libraries
        c The static aspects of a system         d The behavior of a system

**II   Fill in the blanks:**

11.    An interface that a component realizes is called _____

12.    _ _ _ _ _ _ _ _is a process of splitting a single flow of control into multiple flows of controls.

13.    _ _ _ _ _ _ __ represents the columns in the activity diagrams to group the related activities.

14.    A state machine is used to model the _ _ _ _ _ _ of an object.

15.   Components represents physical things classes represents _ _ _ _ _ _ _ _.

16.    _ _ _ _ _ _ _ _ specifies a heavy weight flow that can execute concurrently with other processes.

17.    _____ is a diagram that shows the configuration of runtime processing nodes and the components that live on them.

18.    Components are organized using _ _ _ _ _ _ _ _

19.    In UML _ _ _ _ _ _ _ _ keyword is used to model time events.

20.    _ _ _ _ _ _ _ _ is used to represent concurrent flows in an Activity Diagram

**-oOo-**

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