

**FACULTY OF INFORMATICS**

B. E. 4/4 (I.T.) I – Semester (Old) Examination, July 2010

Subject : **Client Server Programming**  
(Elective – II)

Time : 3 Hours}

{Max. Marks: 75

**Note:** Answer **all** questions of Part - A and answer any **five** questions from Part-B.**PART – A (25 Marks)**

1. Explain about Thread life cycle. (2)
2. Write short notes on string class. (3)
3. What is a Socket? (2)
4. Define the following : (3)  
(a) Window (b) Frame (c) Panel
5. Give methods for scroll bars. (2)
6. What are the differences between checked and unchecked exceptions? (3)
7. What is RMI – IIOP? (2)
8. Enumerate any six CORBA Services. (3)
9. What is Cookie ? (2)
10. What is object persistency ? Explain it. (3)

**PART – B (5x10=50 Marks)**

- 11.(a) Write a Java program to create a window with three labels that is Roll no, Name, Address respectively with corresponding three text boxes and a submit button i.e., data into the student table is inserted through this submit button, student table Attributes are Roll No, Name, Address. Insert any five students information using JDBC and GUI concepts. (6)
- (b) Explain how to create and use  
(i) check boxes (ii) Radio buttons each with an example. (4)
12. Describe in detail the steps of creating client / server application using EJB. (10)
13. Write and explain RMI client / server program for getting and incrementing the counter values. (10)
14. Write a simple servlet program which displays "Helloworld" on the browser and explain the folders hierarchy required to run a servlet. (10)
15. Discuss in detail about the Architecture of CORBA. (10)
- 16.(a) Discuss the various functional categories of RMI interface in brief. (5)
- (b) Describe about any five AWT components. (5)
17. Write a short notes on the following :  
(a) Bean Introspector (4)  
(b) Web object (3)