

Reg.No

B.E. / B.Tech. (Full Time) DEGREE END SEMESTER EXAMINATIONS, APRIL /MAY 2014

Department of Computer Science & Engineering

Fourth Semester – (Regulations 2004)

CS 284 – Internet Programming

Time: 3 hrs

(Answer All Questions)

Max.Marks:100

Part – A (10 x 2 =20)

1. List any four differences between TCP & UDP?
2. What is CGI? How does it differ from Servlet?
3. State the purpose of Remote Reference Layer in RMI.
4. Differentiate between applets and application programs
5. Define the term Marshalling?
6. List the uses of in-Line style sheet
7. Why filters are needed in DHTML.
8. List the types of web servers.
9. Differentiate between a session and a cookie
10. What do you need to run Servlets?

Part – B (5 x 16 = 80)

11. A. i. Explain the steps involved in the communication using TCP with neat diagram (10)
ii. With suitable example, discuss the role of MIME in internet. (8)
12. A. Develop an interface arithRMI that defines the method add(). Write arithRMImpl class that implements the add method. While the add() method returns the sum of two numbers it receives. Write the appropriate arithRMIServer class. Write the arithRMIClient to look up for the arithRMI and invoke the method. (16)
(OR)
- B. i. Write a program in java using socket programming to find the IP address of a node. (8)
ii. Explain the applet life methods with an example. (8)
13. A. Design the HTML program for the registration of new customer to the online banking system (customer data collected using a form, after submitting account number and type of account and user name password is displayed as output). (16)
(OR)
- B. i. Write the java script to print a mark list for 10 students in a HTML table (8)
ii. Explain any two java technologies used in Web applications (8)

14. A. i. Discuss the features of Cascading Style Sheets (8)

ii. Explain how multimedia data's are handled in DHTML with an example (8)

(OR)

B. Explain the uses of Filters and transition with suitable example. (16)

15. A. Write the procedure for creating and deploying web applications with suitable example in Servlet environment. (16)

(OR)

B. i. Explain how Servlet deals HTTP Get and Post methods with an example program.(10)

ii. Write the code for printing the session Id of the cookie. (6)