

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2008.

Seventh Semester

(Regulation 2004)

Computer Science and Engineering

CS 1401 - INTERNET PROGRAMMING

(Common to B.E. (Part-Time) Sixth Semester Regulation 2005)

Time: Three hours

Maximum: 100 marks

Answer ALL questions.

PART A - (10 x 2 = 20 marks)

1. Distinguish between Online service and Internet service providers?
2. What is the purpose of MIME?
3. Distinguish between `>>>` and `>>>` operators.
4. What is the scope of the method which is declared as protected?
5. Comment on the statement. "Each object of a class has its own instance of static member variable".
6. Differentiate: Java and JavaScript.
7. What is the usage of CSS?
8. What is a stream? What are different types of streams available in JAVA?
9. What are the four types of JDBC devices In Java?
10. Illustrate the life cycle methods of a servlet with simple block diagram?

PART B - (5 x 16 = 80 marks)

11. (a) (i) Explain the types of MIME. (8)

(ii) Write a java program to parse the URL. (8)

Or

(b) Explain TCP and UDP protocols with suitable architecture. (16)

12. (a) Write a program in java in the following: (16)

Create a server socket that accepts incoming connections. Let a client send its socket information to the server. If the client sends requests more than 2 times, through the same socket the server should send a response saying "GOODBYE" and should not respond for any further request.

Or

(b) Create an applet program that presents the user with simple window with three buttons labeled "Green", "Blue", and "Yellow". Whenever the mouse clicks the "Green" button, it will display green color. Similarly, for the other buttons display the background colors according to the buttons. (16)

13. (a) Using a javascript create a web page using two image files, which switch between one another as the mouse pointer moves over the images. (16)

Or

(b) Develop a HTML page which accepts (16)

- Any mathematical expression

- Evaluate the expression

-displays the result of the evaluation.

14. (a) Write shorts notes on : (16)

(i) CSS

(ii) DHTML.

Or

(b) (i) Describe in detail about ActiveX control. (8)

(ii) Create a web page using DHTML in which users are allowed to select their favorite layout and formatting. (8)

15. (a) Write a servlet program To implement session tracking using HTTP session object. (16)

Or

(b) Give a brief overview of the JDBC process with simple application. (16)