

III/IV B.Tech. DEGREE EXAMINATIONS, NOVEMBER- 2019

Second Semester

COMPUTER SCIENCE ENGINEERING

INTERNET PROGRAMMING

Time: Three Hours

Maximum marks:60

Answer Question No.1 Compulsory

6X2=12 M

Answer ONE Question from each Unit

4X12=48 M

1. a) Peer-to-Peer Networks
- b) What is an IP address? How it is relevant in Internet?
- c) What are the benefits of using styles compared with placing formatting directly into the text of the Web page?
- d) Mention the different types of 'Lists' in HTML.
- e) Explain the Servlet deployment process
- f) Applet Vs Servlet

UNIT-I

2. a) Explain the characteristic features of TCP protocol.
- b) How HTML is related to SGML and give the difference between HTML and SGML.

(OR)

3. a) What are the MIME content-types currently in use on the Web. Explain.
- b) Give a brief on Internet Standards.

UNIT-II

4. a) Distinguish between data gram service and reliable stream transport service.
- b) Implement a JAVA Client and Server side Socket program to exchange the message between them.

P.T.O

(OR)

5. a) Explain with suitable code how a Buffered stream is implemented?
- b) What is meant by an Applet? Write a program that repeatedly flashes an image on the screen.

UNIT-III

6. a) Write a Java Script to convert the given string to uppercase.
- b) Write a Java program that acts as a web server and transfer the HTML file requested by the browser client.

(OR)

7. a) Write and explain any five HTML form objects that are required for obtaining user details for a typical online user registration process.
- b) What are the drawbacks of HTML? How they are addressed in XML? Explain.

UNIT-IV

8. a) Explain the Prepared statement and Callable statement in JDBC and give proper syntax and example for each.
- b) Differentiate between GET and POST methods.

(OR)

9. a) Explain any five important methods of Cookie class. Write a Java program to demonstrate session tracking through cookie.
- b) Give a brief on session tracking.



III/IV B.Tech. DEGREE EXAMINATIONS, APRIL- 2019**Second Semester****COMPUTER SCIENCE ENGINEERING****INTERNET PROGRAMMING****Time: Three Hours****Maximum marks:60****Answer Question No.1 Compulsory****6X2=12 M****Answer ONE Question from each Unit****4X12=48 M**

1. a) What is SMTP Server?
- b) Brief about IP data gram
- c) How DHTML and HTML differ from each other?
- d) Write the structure of HTML Program
- e) Brief on filters
- f) Web Service

UNIT-I

2. a) What is Internet? Explain some Internet based services.
- b) Explain the characteristic features of UDP protocol
- c) Give a brief on DNS

(OR)

3. a) What is meant by SGML and how HTML is related to SGML
- b) Give the MIME type and Subtype of Text and Text-Related Types, Image Types along with file extensions.

UNIT-II

4. Explain with suitable code how an interface is declared and implemented in Java.

(OR)

5. a) Describe the client/server architecture of Internet.
- b) What are the requirements for CGI process and illustrate the CGI working with a sample script?

P.T.O

UNIT-III

6. a) Write a Java Script to find the factorial of a given number.
b) Give a brief on data control and Active X Control exploring their purpose.

(OR)

7. a) Explain how events are handled in JavaScript.
b) Create a HTML document that displays a table of basketball scores at national games in which the team names have their respective team colors. The score of the leading/winning team should appear larger and in a different font than the losing team. Use CSS.

UNIT-IV

8. a) Explain the characteristics features of different Web Servers.
b) What is multi-tier application? Explain three-tier application as a specific type of n-tier architecture.

(OR)

9. a) Define cookie and explain its use.
b) Give the steps that are used to connect to a database and retrieve data from a table with suitable example code.

