

06-06-09

Lib

(3 Hours)

[Total Marks : 100

Web Technology

3 p.m to 6 p.m

- N.B. : (1) Attempt any **five** questions.
- (2) Make **suitable assumption** and state it **clearly** wherever **required**.

- |  |    |
|--|----|
| 1. Write any <b>ten</b> ?  | 20 |
| (i) Explain frame set.   |    |
| (ii) Explain loop back address.  |    |
| (iii) What are the two major protocols for accessing email from servers ?  |    |
| (iv) What is the difference between content handler and protocol handler ?   |    |
| (v) Explain URL, URI, and URN.   |    |
| (vi) Explain cookies.  |    |
| (vii) What is meant by EDI ? List out 2 EDI applications.  |    |
| (viii) Explain the difference between TCP and UDP.   |    |
| (ix) Explain HTTP request and HTTP response.   |    |
| (x) What is the use of scripting language ?  |    |
| (xi) What is XSL ? Why it is used ?  |    |
| 2. (a) Explain the properties of the event object.   | 8  |
| (b) Describe the features of ASP with examples.  | 8  |
| (c) How does ASP score over CGI ?  | 4  |
| 3. (a) Describe the servlet architecture and the various interfaces invoked by the servlet Container.  | 8  |
| (b) How document manipulation is done with the XML Document Object Module and explain in detail various methods of DOM ?   | 8  |
| (c) What are the advantages of client side scripting ?   | 4  |
| 4. (a) Describe the system architecture of multi-tier application.   | 8  |
| (b) Use a one dimensional array and write a Javascript to solve the following problem. Read in 20 numbers, each of which between 10 to 100. As each number is read, print it only if it is not a duplicate of a number that has already been read. | 8  |
| (c) Discuss the term Digital Signature.  | 4  |

5. (a) Solve any **five** ?

10

- (i) How to make a link to another web page ?
- (ii) How to align pictures so that one may be higher or lower than the other ?
- (iii) How to make a picture a link ?
- (iv) How do I do multiple colors of text ?
- (v) How do I add scrolling text to my page ?
- (vi) How do I make it so that someone can mail me by just clicking on text ?

(b) Discuss email architecture in detail along with its main components.

10

6. (a) Describe the architecture of a web browser.

8

(b) Discuss the various models of e-business in a detailed fashion.

8

(c) What are digital certificates ? How are they useful ?

4

7. (a) Write a simple servlet that accepts the user's age, and displays a message according to the following rules :—

10

- (i) Age < 15 : Message: You are a kid !
- (ii) Age between 16 and 40: You are young !
- (iii) Age above 40: You are old !

Use javascript to ensure that the users enters a number, and display the message from the servlet.

(b) Draw and explain Telnet system.

10