

Time: Three Hour

Maximum Marks :70

Note : The question paper is divided into five Units. Each Unit carries an internal choice.

Attempt one question from each Unit. Thus attempt five question m all. All questions carry equal marks. Assume suitable data whenever necessary.

Unit-I

1. (a) What b World Wide Web ? With the help of the diagram, discuss the client-server structure of the web.

(b) Describe HTTP features that make caching possible in a web browser.

Or

2.(a) When a DNS server receives a request, what are the possible actions it can take ?

(b) Discuss WAP architecture in detail.

Unit-II

3. (a) What do you mean by Dynamic web pages ? Write a short note about the technologies for Dynamic web page development.

(b) What are the Web Publishing Tools ? Discuss any mo of them.

Or

4. (a) Explain the various steps of Web Development Process.

(b) Discuss how requirements engineering plays an important role in the development of a web applications.

Unit-III

5. (a) What is dynamic HTML ? Explain how to include JavaScript to an HTML page.

(b) Create an HTML form to enter a list of your friend names, include both fore names and surnames. Pass the data to a PHP script Display the names in the order in which they are entered and in descending alphabetical order.

Or

6. (a) Write a HTML page and a style sheet for placing image, text and audio file in a specified position on the page.

(b) Write a database application using Perl DBI. How easy is it to build such an application so that it can be queried and updated from a web page ?

Unit-IV

7. (a) Explain XML in detail. What are Internal Entity in XML ? Explain the techniques used to do XML validation.

(b) What are Cookies ? Why cookies can compromise privacy ? Also describe how one can protect against cookies.

Or

8. (a) What is DTD and schema ? Write an example of XML document and DTD.

(b) What is Well-Formed Document ? What do you mean by parsing ? How many different techniques are available for parsing XML document ? Discuss about them.

Unit-V

9. (a) What is c-Commerce? What are different types of e-Commerce organization applications ? Briefly discuss any two of them.

(b) Differentiate between e-Cash and e-Cheque.

Or

10. (a) What is an electronic payment system? What are different types of digital tokens for electronic payment system? Explain any two of them in detail.

(b) What is firewall ? Explain the different types of firewalls.