BT-5/D-23   45199

INTERNET AND WEB TECHNOLOGY
PC-IT-301A

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (i)   Make header diagram of IPv4. Explain the role of each field in IPv6 header.   8

   (ii) Discuss different classes of IP address.   7

2. Explain the layer architecture of OSI model. Differentiate OSI model and TCP/IP model in detail.   15

Unit II

3. (i)   Explain the working of POP.   7

   (ii) Discuss the working of search engines.   8

4. (i)   Define MIME. Explain different types of MIME. 7

   (ii) Discuss the role of various components involved in electronic mail with example.   8

Unit III

5. (i) Explain different types of style sheets used in CSS.

8

(ii) Write HTML code for table consisting of 2 rows and 3 columns. 7

6. (i) Discuss the use of various control statements used in Java script with example. 8

(ii) Write syntax for CSS padding, element selector, border, lists. 7

Unit IV

7. (i) Differentiate between privacy and security. Discuss different types of attacks.

7

(ii) Explain the working of internet information server.

8

8. Write short notes on the following : 2×7½=15

(i) VPN

(ii) Digital Signature.