

BT-5/D-21**45199****INTERNET & WEB TECHNOLOGY****Paper-PCIT301A**

Time Allowed : 3 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. (a) Discuss the Working of Internet. List major components used in Internet. 7½
(b) Make header diagram of IPv6. What is the significance of each field in IPv6 header? 7½
2. (a) Differentiate Internet, Intranet and Extranet with example. 7½
(b) Explain the OSI model in detail. 7½

UNIT-II

3. (a) Discuss different types of Modern used for Networking. 7½
(b) Explain the Working of IMAP. 7½
4. (a) Discuss different types of search Engines. 7½
(b) Explain the working of SMTP. 7½

UNIT-III

5. (a) Write Syntax for CSS padding, element selector, border lists. 7½
(b) Write HTML code for table consisting of 3 rows and 3 columns. 7½
6. (a) How will you explain closures in JavaScript. 7½
(b) Discuss different types of frames using HTML. 7½

UNIT-IV

7. (a) Discuss different types of encryption mechanisms. 7½
(b) Explain the Working of Apache server in detail. 7½
8. Write short notes on the following : 2×7½=15
(a) Digital Signature. (b) Intruder detection system.