

Roll No. ....

Total Pages : 3

**44152**

**BT-4/J-25**

**INTERNET TECHNOLOGY AND MANAGEMENT**

**Paper : PC-CS-204A**

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. (a) What is DNS? Explain its working with suitable example. 7
- (b) Discuss various modes of connecting to internet. 8
2. (a) Discuss internet congestion, its causes, and techniques to overcome it. 7
- (b) Elaborate collaborative computing and the impact of internet culture on business. 8

**UNIT-II**

3. (a) Explain the use of Telnet, FTP, and TCP/IP protocols in the World Wide Web. 10
- (b) Describe Meta search engine. 5

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4. (a) What is HTML? Discuss the process of hyperlink creation and web formatting using HTML. 8
- (b) Explain directories, search engines, and meta search engines. 7

### UNIT-III

5. Elaborate scripting languages. Differentiate XML DHTML and Java Script. 15
6. Write short notes on the following : 15
- (a) SMTP.
- (b) MIME.
- (c) PICO.
- (d) Newsgroup.
- (e) Chat room.

### UNIT-IV

7. (a) What is web server? Describe the architecture of a web server. What are the essential services provided by a web server? 8
- (b) Discuss the different types of firewalls and their role in network protection. 7

8. Write short notes on the following :

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- (a) PWS.
- (b) IIS.
- (c) Apache Webserver
- (d) Digital Signature
- (e) IDS

