

Roll No. ....

Total Pages : 2

BT-3/DX

8304

## INTERNET FUNDAMENTALS

Paper : CSE-207(E)

(Group-II)

Opt. (ii)

Time : Three Hours]

[Maximum Marks : 100

**Note :** Total *five* questions are to be attempted, selecting at least *one* question from each unit.

### UNIT-I

1. (a) Define the terms Internet, Intranet and Extranet. Explain the working of Intranet. 10  
(b) What is Internet congestion ? Explain World Wide Wait problem also. 10

2. (a) What is a DNS ? Explain its working. 10  
(b) Explain Modem's speed and time quantum. 10

### UNIT-II

3. Discuss the following :  
(i) FTP.  
(ii) TELNET.  
(iii) GOPHER.  
(iv) Internet Explorer.  
(v) HTTP.

4×5=20

4. (a) What is Coast-to-coast surfing ? 7  
(b) What is the process of adding a link to the E-mail address ? 5  
(c) What is a Plug-in ? Explain its architecture. 8

### UNIT-III

5. (a) Explain E-mail message format, message components and message composition. 10  
(b) Explain the following :  
(i) SMTP  
(ii) MIME. 10
6. (a) Give a brief description of any *three* Scripting languages used. 10  
(b) How the Newsgroups work ? Explain with example. 10

### UNIT-IV

7. Write a note on various Web servers. 20
8. (a) What do you mean by Encryption ? What are the different encryption schemes used for making the system ? 10  
(b) What do you mean by IDS ? Explain why IDS is preferred over Firewalls. 10