

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 10
 - (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