

Roll No.

Total Pages : 03

BT-3/D-19

33004

INTERNET FUNDAMENTALS

CSE-207-N

Time : Three Hours]

[Maximum Marks : 100

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

Unit I

1. (a) Explain the IP addressing scheme used in internet. How are these addresses assigned and what are its various classes ?
(b) Explain the different communication software along with their description and differentiate between IP₄ and IP₆. 10+10=20
2. Write notes on the following :
 - (a) Internet and Extranet
 - (b) Internet Service Providers (ISPs)
 - (c) Collaborative computing
 - (d) Any *two* modes of connecting to internet. 4×5=20

Unit II

3. What do you mean by a web browser and a web directory ? How will you make search a search through a web directory ? Briefly elaborate different search strategies. 20
4. (a) Draw and explain the architecture of plug-ins.
(b) Differentiate between FTP and Telnet.
(c) Write the steps for the installation of a web page. 7+7+6=20

Unit III

5. (a) What is MIME ? Discuss the various header fields in MIME.
(b) What do you mean by message components, message composition ? Write the objectives of e-mail management. 10+10=20
6. (a) Differentiate between HTML, DHTML and XML.
(b) Write notes on the following :
 - (i) Pine
 - (ii) Online ref. works
 - (iii) Chat rooms. 10+10=20

Unit IV

7. How Apache web servers differs from IIS and Microsoft personal web server ? Explain the certain directives for Apache configurations. How we start and stop these servers ? **20**
8. (a) What are the different encryption schemes used for making the system secured ? Elaborate.
- (b) How we secure our system from attacks and threats ? Discuss security policies. **10+10=20**