

Roll No. ....

Total Pages : 2

**8104**

**BT-3/D09**

**INTERNET FUNDAMENTALS**

Paper : CSE-207(E)

Group (I)

Opt. (i)

Time : Three Hours]

[Maximum Marks : 100

**Note :** Attempt *five* questions, selecting at least *one* question from each unit.

**UNIT-I**

1. (a) What is a Network ? Explain the concept of internetworking along with network criteria. 10
- (b) What is an ISP ? How we can choose an ISP ? 10
2. (a) Explain different Communication softwares along with their description. 10
- (b) Find the class of following IP addresses :
  - (i) 237.14.2.1
  - (ii) 208.35.54.1
  - (iii) 114.34.2.8
  - (iv) 129.14.6.8
  - (v) 255.0.0.02×5=10

**UNIT-II**

3. (a) What do you mean by a Web directory ? How will you make a search through a web directory ? 10
- (b) Explain the working of Search Engine. 10

8104/8900/KD/42

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4. (a) What is a Web Browser ? Explain its architecture. 10  
(b) Write notes on the following :  
(i) Hyperlinks.  
(ii) Meta search Engine. 10

### UNIT-III

5. (a) Explain the following :  
(i) PICO.  
(ii) PINE.  
(iii) E-mail.  
(iv) News group. 5×4=20
6. (a) What is E-mail management ? 5  
(b) Write notes on the following :  
(i) Library card catalogue.  
(ii) CHAT ROOMS.  
(iii) Mailing lists. 5×3=15

### UNIT-IV

7. Write note on various Web servers. 20
8. (a) What do you mean by Privacy and Security ? Explain computer security. 10  
(b) What do you mean by an Attack ? Explain its types. 10