4 copy

BT-3/D07

INTERNET FUNDAMENTALS

[Common With (IT + CO)]

Paper–CSE-207E

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) Write notes on the following :
   (i) ISPs.
   (ii) Domain Name and DNS.   10

   (b) Explain in detail H/W and S/W requirements for Internet.   10

2. (a) What do you mean by IP address ? What is the relation between DNS and IP address ? Also explain the difference between IPV_4 and IPV_6.   12

   (b) Write notes on the following :
   (i) ISDN.
   (ii) Subnetting.   8

UNIT–II

3. (a) What is MIME ? Discuss the various Leader fields in MIME.   10

   (b) Explain the working of TCP/IP.   10

4. (a) Explain the following :
   (i) UDP.
   (ii) VoIP.
   (iii) ICMP.   12

(b) Define Web browser. Explain the various fe
browser.

UNIT–III

5. (a) Write notes on the following :

    (i) Online Reference Works.

    (ii) Library Card Catalogue.   12

   (b) What are message components and message compositions ?

         8

6. (a) Write notes on the following :

    (i) User IDs and Password.

    (ii) E-Mail Address.   10

   (b) Define Chating. Discuss the various chat programs available on the Internet.

         10

UNIT–IV

7. (a) Define PINE. Discuss its features and limitations.   10

   (b) What is PICO ? What are the various commands in PICO ? What are its drawbacks ?   10

8. (a) What is a Web server ? Explain the IIS Web server in detail.

         110

   (b) Write notes on the following :

    (i) Attacks.

    (ii) Securtiy Policy.

         10

———————————