

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. 10
 - (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 IPV₄ and IPV₆. 12
- (b) Write notes on the following :
 - (i) ISDN. 8
 - (ii) Subnetting. 8

UNIT-II

3. (a) What is MIME ? Discuss the various Header fields in MIME. 10
- (b) Explain the working of TCP/IP. 10
4. (a) Explain the following :
 - (i) UDP. 12
 - (ii) VoIP. 12
 - (iii) ICMP. 12

[P.T.O.]

- (b) Define Web browser. Explain the various features of a web browser.

UNIT-III

5. (a) Write notes on the following :
(i) Online Reference Works. 12
(ii) Library Card Catalogue. 8
(b) What are message components and message compositions ?
6. (a) Write notes on the following :
(i) User IDs and Password. 10
(ii) E-Mail Address. 10
(b) Define Chatting. 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) Security Policy. 10
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