Roll No. ....   Total Pages : 2

BT-8/M-20   **38034**

INTERNET FUNDAMENTALS

Paper–EE-416E

Time Allowed : 3 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) Write short notes on ISPs and DNS.   10

    (b) Explain the hardware and software requirements for internet.   10

2. (a) Explain Modem's speed and time quantum. 10

    (b) What is Internet congestion ? Explain World Wide Wait problem also.   10

UNIT–II

3. Describe in brief about the following :

    (a) Web Browsers.   5

    (b) Coast to Coast surfing.   5

    (c) FTP.   5

    (d) TELNET.   5

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4. (a) What is meant by a Web directory ? How will you make a Search through a Web directory ? 10

   (b) Explain the working of a Search Engine. 10

UNIT–III

5. Explain the following :

   (a) SMTP 5

   (b) MIME 5

   (c) PPP 5

   (d) POP3. 5

6. (a) Write a detailed note on XML. 10

   (b) Explain E-mail message format, message components and message composition. 10

UNIT–IV

7. (a) Write a note on server side programming in Javascript. 10

   (b) What is meant by Attacks ? Explain its types. 10

8. Write a note on various Web servers. 20

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