Roll No. ....

Total Pages : 2

BT-3/D-18

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INTERNET FUNDAMENTALS

Paper : CSE-207-E

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) Differentiate between internet, intranet and extranet. Explain the structure of internet. How internet works?

   (b) List the different modes of connecting to internet. How modem works? Explain modem's speed and time quantum. (10+10=20)

2. Write note on the following :

   (a) Internet congestion.

   (b) Internet Service Providers (ISPs).

   (c) Internet address and DNS.

   (d) Internet tools. (4×5=20)

UNIT–II

3. What is the role of a search engine? List the name of different search engines. How searching can be effective? Differentiate between Directory and Meta search engines. 20

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24/12

4. (a) Write a detailed note on coast-to-coast surfing.

   (b) Outline the architecture of plug-ins.

   (c) What is HTML? How hyperlinks are created in HTML? (7+7+6=20)

UNIT–III

5. (a) What do you meant by e-mail? Explain the different components of an e-mail.

   (b) Discuss the need of (i) SMTP (ii) MIME Types. (10+10=20)

6. (a) Write a brief note on XML, DHTML and Java script as scripting languages.

   (b) Differentiate between chat rooms and newsgroups. Discuss the different chat programs available over the internet. (10+10=20)

UNIT–IV

7. What do you meant by a web server? Differentiate between Apache, IIS and Microsoft personal web server. 20

8. (a) What are the threats to computer security? Discuss privacy levels.

   (b) What do you mean by IDS? Explain why IDS is preferred over firewalls. (10+10=20)

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2