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300815(22)

B. E. (Eighth Semester) Examination, Nov.-Dec. 2021

(New Scheme)

(Civil, CSE, EEE, ET&T Engg. Branch)

INTERNET & WEB TECHNOLOGY

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

*Note : Part (a) each question is compulsory. Attempt
any two from (b), (c) and (d) of each question.*

Unit-I

1. (a) What is Evolution of Internet?   2

   (b) What is Internet Protocol? Explain TCP/IP, UDP
       and HTTP.   7

(c) What are the Internet Addressing Scheme? Explain IPv4 and IPv6.   7

(d) Explain Three Tier Web Based Architecture.   7

Unit-II

2. (a) What is Document Type Definition.   2

    (b) Explain DHTML. Explain Document Object Model in detail.   7

    (c) What is Java Script? Explain Functionality and Object Model.   7

    (d) What is *n* Cascading Style Sheets? Explain all types of selectors.   7

Unit-III

3. (a) What is XML?   2

    (b) Explain Documents and Data, Defining Attributes and Entities in the DTD.   7

    (c) Explain Parameter Entities and Conditional Sections in XML.   7

(d) How to design and XML data structure with Normalizing Data?   7

Unit-IV

4. (a) What is AAA?   2

    (b) Explain types of Viruses and Threats in detail.   7

    (c) Explain various types of electronic payment systems.   7

    (d) What is Firewall? Explain types of Firewalls.   7

Unit-V

5. (a) What is Search Engines?   2

    (b) What is O File Transfer protocol? Explain all function of FTP.   7

    (c) What is Domain Name System? Explain Public Domain Software.   7

    (d) Explain Usenet And Internet Relay Chat.   7