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Roll No. :

300815(22)

B. E. (Eighth Semester) Examination, April-May 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) is compulsory. Attempt any two from (b), (c) and (d).

Unit-I

1. (a) What is internet protocol? 2
- (b) Explain in details Internet Service Providers. 7

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- (c) Explain three tier architecture of the web application development with proper diagram. 7
- (d) Explain different types of Connectivity. 7

Unit-II

- 2. (a) Write basic elements of HTML. 2
- (b) Explain various formatting tags of HTML. 7
- (c) How to create dynamic web page and also write a code for dynamic web page. 7
- (d) Explain Cascaded style sheet with proper example. 7

Unit-III

- 3. (a) Write uses of Web Browser. 2
- (b) Write the designing steps of XML data structure. Explain it with example. 7
- (c) How to avoid Naming Conflicts in XML? Write one example to handle this problem. 7
- (d) Explain why we used DTD. 7

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Unit-IV

- 4. (a) What is Virus? 2
- (b) Explain the Firewall and its host. 7
- (c) Explain the importance and Implementation of authentication, authorization, and accounting in internet security. 7
- (d) What is Electronic Data Interchange? Explain various Electronic payment system. 7

Unit-V

- 5. (a) Explain the term website. 2
- (b) Explain Telnet in details. 7
- (c) What is FTP? Explain the types of FTP server. 7
- (d) What are the various steps involved in hosting website. 7