

328671(28)

B. E. (Sixth Semester) Examination, April-May 2020

(New Scheme)

(Et & T Branch)

INTERNET & WEB TECHNOLOGY

(Professional Elective-I)

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Part (a) of each unit is compulsory and carries 2 marks. Attempt any two parts from (b), (c) and (d) which carry 7 marks each.

Unit-I

1. (a) What do you mean by Network Byte Order? 2
- (b) Differentiate between TCP and UDP. 7

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- (c) Define IP addressing. Describe IPv4 and IPv6. 7
- (d) Explain three-Tier web based architecture. 7

Unit-II

2. (a) What is CGI? 2
- (b) Describe DTD with an example. 7
- (c) Explain the basic HTML elements in brief. 7
- (d) What is need for CSS? What are the different types of creating style sheet? 7

Unit-III

3. (a) What is XML? 2
- (b) What do you mean by XML schema? Explain. 7
- (c) What is DTD? Explain the attributes and entities in DTD with help of example. 7
- (d) Explain how to write a sample XML file. 7

Unit-IV

4. (a) What do mean by Virus? 2

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- (b) Explain with a neat diagram the working of Hardened firewall host. 7
- (c) What do you understand by gateways? How can gateways be used for proxy Application? 7
- (d) Explain the Security threats in Client-Server System. 7

Unit-V

5. (a) What is Web Page? 2
- (b) What is FTP? Explain the various types of FTP Servers. 7
- (c) Explain the procedure for registration of site on Search Engines and Indexes. 7
- (d) Write a short note on Usenet and Internet Relay Chat. 7