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B. E. (Third Semester) Examination, Nov.-Dec. 2019

(New Scheme)

(Computer Science & Engg. Branch)

COMPUTER CONCEPTS & WEB TECHNOLOGY

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Attempt all questions. Part (a) of each question is compulsory. Attempt any two parts from part (b), (c) and (d) of each question. Draw neat diagram wherever required.

Unit-I

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| 1. (a) What is Blue Ray Disk? | 2 |
| (b) Explain Assembler, Interpreter and Compiler. | 7 |

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- (c) Explain Asynchronous, Synchronous and Isochronous transmission modes. 7
- (d) Explain the functions of operating system. 7

Unit-II

2. (a) What is E-mail? 2
- (b) Explain in brief LAN, WAN, MAN, SAN, and PAN. 7
- (c) Discuss the various issues of web development strategies. 7
- (d) What is ISP? Describe Internet Services.

Unit-III

3. (a) What is XML? 2
- (b) Write a HTML code for the following : 7

Student Detail			
S.No.	Roll No.	Student Name	Branch
1.	101	Amar	CSE
2.	102	Bhushan	CSE
3.	103	Chanakya	CSE

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- (c) How can we resolve the issue of naming conflict in XML? 7
- (d) Write a code for creating a login form in HTML. 7

Unit-IV

4. (a) What is AJAX? 2
- (b) Illustrate try, catch and throw statement in Java script with suitable example. 7
- (c) Explain the role of CSS in web development. Also explain various types of style sheet. 7
- (d) Write a program in Java script to add 2 numbers and display the result. Take input from the user. 7

Unit-V

5. (a) What is DOM? 2
- (b) Write a Java program to create an Applet. 7
- (c) What is CGI? Write a perl script to generate a fibonacci series for n terms. 7
- (d) Explain Testing and Debugging perl CGI script. 7

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