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

(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, parts (a) is compulsory,
it carry 2 marks and attempt any 2 from part
(b), (c) & (d), it carries 7 marks.***

Unit-I

1. (a) What are the basic components of computer?
(b) What is operating system? Explain various function of operating system.

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- (c) How data are stored in CD-ROM, and Blue Ray Disk.
- (d) Explain Assembler, Interpreter & Compiler.

Unit-II

- 2. (a) What is E-mail?
- (b) What is ISP? Describe Internet Services.
- (c) Explain in brief LAN, WAN, MAN SAN & PAN.
- (d) Discuss the various types of transmission mode in detail.

Unit-III

- 3. (a) What is www?
- (b) What is DTD? How to define DTD for single element and attribute in XML.
- (c) Write a code for creating a login form in HTML.
- (d) Write short note : (any two)
 - (i) Name space
 - (ii) XML schema
 - (iii) XML parser

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Unit-IV

- 4. (a) Write the name of POP-UP Boxes in Java Script.
- (b) Explain the role of CSS in web development. What are the various type of style sheet?
- (c) What is AJAX and how it works? Describe DIV and SPAN tag in CSS.
- (d) Illustrate try catch statement in Java Script with suitable example.

Unit-V

- 5. (a) What is DOM?
- (b) What is CGI? Create a simple CGI program using PERL.
- (c) Explain the use of JAVA Applet. What are the stages of life cycle of Java Applet.
- (d) Write a Java program to create an applet.