

**333354(33)**

**B. E. (Third Semester) Examination, April-May 2021**

**(New Scheme)**

**(IT Branch)**

**CONCEPTS of IT & WEB TECHNOLOGY**

***Time Allowed : Three hours***

***Maximum Marks : 80***

***Minimum Pass Marks : 28***

***Note*** : Attempt all questions. Part (a) is each question is compulsory and carries 2 marks. Attempt any **two** parts from (b), (c) & (d) of each question and each part carries 7 marks.

**Unit-I**

1. (a) What is computer registers? List out their types. 2
- (b) Differentiate between SIMM and DIMM memory module. 7

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- (c) Discuss various categories of computer in detail. 7
- (d) What is input/output port? Explain the expansion slot. 7

**Unit-II**

2. (a) Define digitizer. 2
- (b) What is printer? Explain its types and features. 7
- (c) Elaborate the terms MICR, OCR, OMR. 7
- (d) What do you mean by "Storage Device"? How many types of storage devices are used in computer? 7

**Unit-III**

3. (a) List out the function of operating system. 2
- (b) Describe the terms compiler, Interpreter, Assembler, Loader and Linker. 7
- (c) Write internal and external commands of MS-DOS. 7
- (d) Write short notes on : 7
- (i) BIOS

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- (ii) POST

**Unit-IV**

4. (a) What is data source object? 2
- (b) Explain CSS syntax, class selector, and id selector. 7
- (c) Create a HTML document which illustrates the use of external style sheet, ordered list, table, borders, color, and the <span> tag. 7
- (d) Explain the concept of DTD in brief. 7

**Unit-V**

5. (a) What is desktop publishing? 2
- (b) What are the topologies available in network? Explain. 7
- (c) What is Electronic spreadsheet? Explain software packages in brief. 7
- (d) Explain open source software in brief. 7