

Printed Pages – 3

Roll No.

333354(33)

B. E. (Third Semester) Examination, Nov.-Dec. 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 Resister? 2
- (b) Briefly explain the technical evolution of computer. 7

[2]

- (c) Explain motherboard and its components. 7
- (d) Compare SIMM, DIMM, SDRAM and RDRAM. 7

Unit-II

2. (a) Name any four input and output devices. 2
- (b) Explain hard copy devices with their types and features. 7
- (c) Explain the working of secondary memory in details. 7
- (d) Explain various types of printing devices. 7

Unit-III

3. (a) Shortly explain machine level, assembly level and high level language. 2
- (b) Explain any five internal and external commands in DOS with example. 7
- (c) Write short notes on : (any two) 7
- (i) Compiler
- (ii) Assembler
- (iii) Interpreter

[3]

- (d) Explain booting process with BIOS and POST. 7

Unit-IV

4. (a) Write a HTML program to insert comments and create hyperlinks in web page. 2
- (b) Explain different types of style sheets used in CSS. 7
- (c) Write a program using java script to create a text box in web page. 7
- (d) Compare HTML, SGML and DHTML. 7

Unit-V

5. (a) Define software package. 2
- (b) Explain open source software. 7
- (c) What are the significant role of headers and footers in 'WORD' document. Explain the insertion/deletion edition, editing steps. 7
- (d) Discuss various types of networking devices along with their installation locations into various network topology. 7