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B. E. (Third Semester) Examination, 2020

(Old Scheme)

(IT Branch)

FUNDAMENTALS of IT

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

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

Unit-I

1. (a) What is computer.   2

   (b) Brief explain technical evolution of computer.   7

(c) What is CPU, explain with its components. 7

(d) What is memory. Explain with their types. 7

Unit-II

2. (a) Give example of various input and output devices. 2

(b) What are the printers, explain with their various types and features.

(c) Explain type of different cards used in our computer system.

(d) Write short notes on :

(i) CD-ROM

(ii) MICR

Unit-III

3. (a) What is BIOS? 2

(b) Explain the function of operating system with its features and application. 7

(c) Write short notes on : 3½×2

(i) Compiler

(ii) Assembler

(d) Briefly explain : 3½×2

(i) Debugger tool

(ii) Machine Language

Unit-IV

4. (a) What is file and folder 2

(b) How the shortcut on the Desktop is created. 7

(c) What are the various system information utility. 7

(d) What is the role of Network neighborhood available in our computer. 7

Unit-V

5. (a) What is Software. 2

(b) Explain the system software and application software. 7

(c) What are the data communication packages explain in brief. 7

(d) What is desktop publishing wizard used in our computer. 7