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**BE (3rd Semester)
Examination, Nov.-Dec., 2017**

(New Scheme)

Concepts of IT and Web Technology

Time Allowed : 3 hours *Maximum Marks : 80*
Minimum Pass Marks : 28

Note : (i) In each question part (a) is compulsory and answer any two from the rest of three questions.
(ii) The figures in the right-hand margin indicate marks.

1. (a) What is custom made software? [2]
(b) List out the types of computers based on size and memory capacity. [7]
(c) Explain the fundamental units of a computer with a block diagram. [7]
(d) Describe the memory organization of computer system. [7]
2. (a) What are the functions of input devices and output devices? [2]

- (b) Differentiate among the various types of printers in terms of cost, speed, working principle and quality measures. [7]
 - (c) What is graphic display device? Explain the types of graphic display devices. [7]
 - (d) A 6-disk pack has 200 tracks per surface. There are 10 sectors per track and 512 bytes per sector.
 - (i) What is the storage capacity of the disk pack?
 - (ii) How many cylinders does the disk pack have?
 - (iii) How many tracks are there per cylinder? http://www.csvtuonline.com [7]
3. (a) What are the various OS components? [2]
(b) Enumerate the various functions of operating system. [7]
(c) What are the different language translators? Explain with proper neat sketch. [7]
(d) Explain the various internal and external commands in MS-DOS with example. [7]
 4. (a) What is SGML? [2]

- (b) How can we declare an internal and external DTD ? [7]
- (c) Describe the different types of CSS selector. [7]
- (d) Write an HTML code to incorporate font tag, break tag, paragraph tag and its attributes. [7]
5. (a) What is a function in terms of word processing software ? [2]
- (b) What is the difference between open source software and other types of software ? [7]
- (c) Why do people prefer to use open source software ? [7]
- (d) What are the basic features of word processors ? [7]

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