Total No. of Questions : 7] [*Total No. of Printed Pages : 2*

Roll No ....

CS-112

B.E. (All Branches), I Year II Semester

Examination, June 2016

Choice Based Credit System (CBCS)

Fundamentals of Computer Science and Engineering

Time : Three Hours

Maximum Marks : 60

Note : i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What do you understand by the instruction set? What is the step taken by the CPU to execute the instructions?

   b) Differentiate RAM and ROM. Explain the Dynamic and Static RAM with their merits and demerits.

2. a) What is Software? Explain system and application software. Enlist system and application software.

   b) Write an Algorithms to find largest number from array of n numbers.

3. a) What is Programming Language? Compare Assembly Language and High-Level Language.

   b) Explain the different control statements in C++.

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4. a) What is Inheritance? Write the different types of Inheritance.

   b) What is a constructors? What is the importance of a constructors?

5. a) What is E-Commerce? What are the advantages and disadvantages of E-Commerce?

   b) Write the various networking devices.

6. a) What is DBA? Write any two responsibilities of DBA.

   b) Explain DDL commands with the help of example.

7. a) What is cloud computing? Explain the terms Cloud infrastructure.

   b) Discuss the following terms:

   i) Spamming

   ii) E-mail Spoofing

   iii) Primary Key

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