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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Sem.-1<sup>st</sup> & 2<sup>nd</sup>)**FUNDAMENTALS OF COMPUTER PROGRAMMING  
AND INFORMATION TECHNOLOGY**

Subject Code : CS-101 (2005-2010 Batches)

Paper ID : [A0127]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION - B & C have FOUR questions each.
3. Attempt any FIVE questions from SECTION B & C carrying EIGHT marks each.
4. Select atleast TWO questions from SECTION - B & C.

**SECTION-A****I. Answer briefly :**

- i) What is the role of MOUSE in a computer?
- ii) What is the computer network?
- iii) What are the conditional operators available in C++ ?
- iv) What is a pointer to a function?
- v) What are the formatted output statements of C++ ?
- vi) What is format specifier?
- vii) What is a nested structure?
- viii) What is RAM?
- ix) What is mail merge?
- x) What is operator overloading?

### **SECTION-B**

2. What are the differences between primary and secondary storages? Explain various types of primary and secondary storage devices.
3. What are the various types of operators available in C++ language?
4. What are the various features of Windows Explorer? Explain with example.
5. What are the various types of formatting applied on word document.

### **SECTION-C**

6. Using function write a program to find the sum of the rows, Column and non diagonal elements of a matrix.
7. What are the various file opening statements available in C++ ?
8. What is a flow chart? Draw flow chart to find the largest and smallest of three numbers.
9. What is internet? What are the various applications of internet?