

Roll No.

DEC 2010

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B. Tech. (Sem. - 1st/2nd)

**FUNDAMENTAL OF COMPUTER PROGRAMMING AND
INFORMATION TECHNOLOGY**

SUBJECT CODE : CS - 101 (2k4 & Onwards)

Paper ID : [A0118]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Five** questions from Section - B & C.
- 3) Select atleast **Two** questions from Section - B & C.

Section - A

Q1)

[Marks : 2 Each]

- a) What is the syntax of if statement?
- b) What is the syntax of Switch Statement?
- c) What is the syntax of do While statement?
- d) What is a Class?
- e) What is the function overloading?
- f) What is the differences between data and information?
- g) What is the need for software on a computer? Explain.
- h) What is a compiler?
- i) What is spell checking?
- j) How data is imported in word processing?

Section - B

[Marks : 8 Each]

- Q2) What are the user defined data types in C++? Explain with example.
- Q3) What are the various subsystems of a computer? Discuss with the help of a block diagram.
- Q4) How a printer is installed in windows? How an internet connection is set up in windows.
- Q5) What are the various editing features of WORD? Explain with examples.

Section - C

[Marks : 8 Each]

- Q6) What are the steps in the design of a program? What is the structure of a C++ program?
- Q7) Write a program to reverse the digits of a number and sum of the digits. Draw the flow chart also (e.g. 3452 is changed to 2543).
- Q8) What are the various file opening statement in C++? Explain with example.
- Q9) What are the different applications of internet? Explain with example.

