Roll No. ....

Total No. of Questions : 09]   'Total No. of Pages : 02

Paper ID [CS101]

(Please fill this Paper ID in OMR Sheet)

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

FUNDAMENTALS OF COMPUTER PROGRAMMING AND INFORMATION TECHNOLOGY (CS - 101)

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 at least **Two** questions from Section - B & C.

Section - A

Q1)   (10 × 2 = 20)

a) What is ROM? Why it is called non volatile memory?

b) What is CD-RW?

c) What is cache memory?

d) Describe the various items on the desktop of windows 2000.

e) What is spell check?

f) Differentiate between << & >> operators.

g) What is the application of scope resolution operator in C++.

h) What is type conversion?

i) What is Internet? Give its advantages.

j) What is inheritance?

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Section - B

(Marks: 8 Each)

Q2) Describe the various functional components of the computer.

Q3) (a) Describe the various components of windows.

(b) What is the significance of network Neighborhood and Recycle Bin?

Q4) (a) Describe the various editing tools of MS-Word.

(b) Describe the various options of Page setup.

Q5) Explain the structure of C++ program with following points.

(a) built-in functions

(b) symbolic statements

(c) special operators

(d) various data types.

Section - C

(Marks: 8 Each)

Q6) (a) Discuss the various applications of internet.

(b) Write a note on the following : (i) Telnet (ii) Gopher.

Q7) What is meant by classes within the class? How can we declare a class and object? Explain with help of example.

Q8) What is Information Technology? Discuss its applications.

Q9) Explain the following error handling functions with example.

(a) EOF()

(b) Fail()

(c) Bad()

(d) Good()

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