

Roll No.

Total No. of Pages : 02

Total No. of Questions : 9

B.Tech (Sem.-1,2)
FUNDAMENTALS OF COMPUTER PROGRAMMING AND
INFORMATION TECHNOLOGY

Subject Code : CS-101 (2004-2010 Batch)

Paper ID : [A0127]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY.
2. Attempt any FIVE questions SECTION - B & C.
3. Select at least TWO questions from SECTION - B & C.

SECTION-A

(10 × 2 = 20 Marks)

1. (a) State two differences in LAN and WAN.
(b) What is an algorithm?
(c) Mention any four applications of Information Technology.
(d) What the text and binary modes have to do with files?
(e) What is the advantage of using Mail-Merge?
(f) What is the application of scope resolution operator in C++?
(g) What is PROM?
(h) What do you mean by Precedence of Operators?
(i) What do you understand by URL?
(j) Differentiate between late binding & the early binding.

SECTION-B

(8 Marks each)

2. (a) What are the various functions of an operating system ?
(b) What is internet explorer? Explain.

3. Discuss control panel in windows and explain how it helps to :
 - (a) Add hardware.
 - (b) Add software.
 - (c) Date and time setting of computer.
4. Draw the block diagram of computer and explain its different components.
5. Explain in detail different types of memories available in a computer system.

SECTION-C**(8 Marks each)**

6. How does inheritance occur and work at different levels? Explain with an appropriate example.
7. (a) Differentiate between input screen & output screen.
(b) Explain the features of the <iostream.h> & <fstream.h> header files used in C++.
8. (a) Discuss the various applications of internet.
(b) Write a note on the following :
 - (i) Telnet
 - (ii) Gopher.
9. Write a program to reverse an array of ten numbers.