Roll No. ....

Total No. of Questions : 7　　　　　　　　　　　Total No. of Pages : 02

BCA (Sem.-1st)

INFORMATION TECHNOLOGY

Subject Code : BSBC-104 (2011 Batch)

Paper ID : [B1111]

Time : 03 Hours　　　　　　　　　　　　　　Maximum Marks : 60

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY.**
2. **Attempt any FOUR questions from SECTION-B.**

SECTION-A　　　(10 × 2 = 20 Marks)

1. Write a short note on :

   (a) What is the purpose of CPU ?

   (b) What do you mean by Memory?

   (c) List various output devices.

   (d) What are different types of computer language ?

   (e) Define operating system.

   (f) List out various features of MS-word.

   (g) What is the purpose of spell-checking in MS-Word?

   (h) What are different types of computer networks?

   (i) Briefly explain the term Virus.

   (j) What do you mean by Gopher?

SECTION-B　　　(4 × 10 = 40 Marks)

2. What are various components of computer ? Discuss with block structure of a computer.

3. Convert Following :

    (a) $(75)_{10}$ = $(?)_2$

    (b) $(110010101)_2$ = $(?)_8$

    (c) $(2A45F2)_{16}$ = $(?)_2$

    (d) $(247)_8$ = $(?)_{10}$ **(4 × 2.5 = 10 Marks)**

4. Compare the features of different types of printers on the basis of speed, cost and function.

5. What are different types of operating systems? Discuss architecture of Distributed Operating System.

6. What do you mean by mail-merge? Explain step by step procedure for merging document file and data file.

7. Explain different types of network topologies used for developing computer network.