Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 2**

Total No. of Questions : 07

BCA (Sem.–1)
INFORMATION TECHNOLOGY
Subject Code : BSBC-104 (2011-2012 Batches)
Paper ID : [B1111]

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 contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.**

SECTION-A

l. Write briefly :

(a) List various characteristics of Computers.

(b) What is Octal and Hexadecimal number system? Explain with examples.

(c) List various features of first and second generation computers.

(d) List various advantages and disadvantages of assembly language.

(e) What is real time operating system? What are its types?

(f) Explain the differences between impact and non impact printers.

(g) What is FTP? How it is different from TELNET?

(h) What is proxy server? What is its need?

(i) What are various applications of an Internet?

(j) Define Worm and Virus. What is difference between them?

SECTION-B

2. Draw and explain the block structure of computer. Discuss various components of a Computer.

3. What is Compiler? Discuss various phases of compiler.

4. What are various Input Output devices? Explain.

5. Explain the following:-

   (a) Mail Merge

   (b) Formatting Features of Spread Sheet

6. What is network topology? Explain various network topologies with their relative merits and demerits.

7. Write notes on the following :

   (a) Anatomy of Windows

   (b) Control Panel