

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

BCA (2011 & Onwards)/B.Sc.(IT) (2015 Batch) (Sem.-1)

INFORMATION TECHNOLOGY

Subject Code : BSBC/BSIT-104

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 a student has to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- 1) What is Bubble memory?
- 2) Write process of conversion from hexadecimal to binary..
- 3) What are equation editors?
- 4) What do you mean by Macros? Discuss it.
- 5) Discuss the working of light pen.
- 6) Explain multiprocessor operating systems.
- 7) Explain significance of network neighbourhood.
- 8) What are prevention & cure utilities in security management tools?
- 9) Discuss the VIRUS & Worms.
- 10) Discuss laser printer.

SECTION-B

2.
 - a) Discuss Classification of computers on the basis of capacity & purpose
 - b) What do you mean by number system? Explain binary to octal conversion process & vice versa.
3.
 - a) Discuss various types of printers in detail with their working mechanism.
 - b) Differentiate between interpreter, compiler and assembler.
4.
 - a) Discuss various editing & formatting features of word processing software in detail.
 - b) Differentiate Multiprogramming & Multitasking operating system.
5.
 - a) Explain the physical communication media in detail.
 - b) What is proxy server? Discuss in detail.
6.
 - a) Discuss gopher in detail. How it is different from telnet?
 - b) Explain the significance of equation editor. Explain with the help of an example.
7.
 - a) Explain the anatomy of windows in detail.
 - b) Discuss the types of temporary memory in detail.