

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem.-1st)

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

1. Write briefly :

- a) What is worm? Discuss it.
- b) Explain telnet.
- c) What are equation editors?
- d) What is a cell reference?
- e) Discuss higher level languages.
- f) Explain multiprocessor operating systems.
- g) Explain significance of network neighbourhood.
- h) What are prevention & cure utilities in security management tools?
- i) What do you mean by freeze panes?
- j) Discuss laser printer.

SECTION-B

2. (a) Discuss generations of computers in detail.
(b) What do you mean by number system? Explain binary to octal conversion process & vice versa.
3. (a) Discuss various output devices in detail.
(b) Differentiate between interpreter, compiler and assembler.
4. (a) Differentiate between online & real time operating systems.
(b) Discuss the process of making charts & graphs in a spread sheet.
5. (a) Discuss network topologies with suitable examples.
(b) What is proxy server? Discuss in detail.
6. (a) Discuss cache & bubble memory.
(b) Elaborate the characteristics of a computer.
7. (a) Explain the anatomy of windows in detail.
(b) Discuss mail merge using suitable examples.