BCA (Sem.–1ˢᵗ)

INFORMATION TECHNOLOGY

Subject Code : BC-101 (2007 to 2010 Batch)
Paper ID : [B0201]

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. Answer briefly :

(a) What is number system? What is the significance of radix in number system?

(b) How inkjet printer is different from LASER printer? Explain.

(c) Define multiprogramming, multiprocessing and multi user operating system.

(d) Define LAN and WAN.

(e) What is role of WWW in internet? Explain.

(f) What is scanner? Explain its use.

(g) What are optical devices? Explain.

(h) What is use of XCOPY and PROMPT command in MS DOS? Explain with an example.

(i) What is spooling? Explain.

(j) What is RAM? Explain the difference between static and dynamic RAM.

SECTION-B

2. Define computer. Discuss the evolution of computer. Also explain various characteristics of computer.

3. What are various applications of computer? Explain the role of computers in sports and management.

4. Write a note on following :

   a) Internal and external commands

   b) Batch Files.

5. What is internet? What are its advantages and disadvantages? Explain how internet is affecting the modern life?

6. What are various primary and secondary storage devices? Explain.

7. Write a note on following :

   a) Functions of operating system.

   b) Workstations.