

Roll No.

Total No. of Questions : 07]

[Total No. of Pages : 02

BCA (Sem. - 1st)

INTRODUCTION TO INFORMATION TECHNOLOGY

SUBJECT CODE : BC - 101 (N2)

Paper ID : [B0201]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.

Section - A

Q1)

(10 × 2 = 20)

- a) What is binary and octal number system?
- b) What is hardware and software? Give example of each.
- c) What is difference between RAM and ROM? Explain.
- d) Define E-Mail. How is it different from traditional mail?
- e) Define WWW. What are its advantages?
- f) What is use of MICR and OMR? Explain.
- g) Explain the difference between internal and external commands of DOS.
- h) What is use of FDISK and FORMAT command in MS DOS? Explain with an example.
- i) Define MODEM. What are different types of MODEM?
- j) What are secondary storage devices? List any five secondary storage devices.

Section - B

(4 × 10 = 40)

- Q2)** What is computer? Draw and explain the working of block diagram of computer.
- Q3)** Define operating system? What are its major functions? Explain how operating system works as resource manager.
- Q4)** Write a note on following :
- (a) Batch OS and real time OS.
 - (b) Spooling.
- Q5)** Explain the role of computer in defense and commerce.
- Q6)** What is computer network? Explain the difference between LAN, MAN and WAN.
- Q7)** What are various input and output devices? Explain the role of printer and plotter.

