

Roll No. ....

Total No. of Questions : 07]

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BCA (Sem. - 1<sup>st</sup>)

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.



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