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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.

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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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