

Roll No. ....

Total No. of Questions : 13]

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**J-3672[S-1528]**

**[2037]**

**BCA (Semester - 1<sup>st</sup>)**

**INTRODUCTION TO INFORMATION TECHNOLOGY**

**(BCA - 101)**

**Time : 03 Hours**

**Maximum Marks : 75**

**Instruction to Candidates:**

- 1) Section-A is **compulsory**.
- 2) Attempt any **Nine** questions from Section-B.

**Section - A**

**Q1)**

**(15 × 2 = 30)**

- a) What is the difference between data and information?
- b) Explain with example procedure to convert binary number to digital number.
- c) List two devices which can be used as input as well as output device.
- d) How can one write-protect 5¼ inch floppy?
- e) List the types of computers.
- f) What do you understand by spooling?
- g) What is a time-sharing system?
- h) Define multiprocessing.
- i) Differentiate between SRAM and DRAM.
- j) Why is ROM necessary?
- k) What is a single user system??
- l) If on the DOS prompt, XYZ is typed and on the disk(say C:\>), there are three files XYZ.COM, XYZ.EXE and XYZ.BAT. Which of the three files will be executed? Why?
- m) What is booting?
- n) List four facilities provided by Internet through WWW?
- o) Define the term FAX.

**P.T.O.**

## Section - B

(9 × 5 = 45)

- Q2)* Explain the working of computer with block diagram.
- Q3)* Explain the working of laser printer in detail.
- Q4)* Discuss the advantages and disadvantages of floppy disks.
- Q5)* Compare the working of mouse with keyboard. Discuss the different mouse operations.
- Q6)* Compare primary memories with secondary memories.
- Q7)* What is an operating system? Explain its functions.
- Q8)* Explain batch processing and multiprogramming.
- Q9)* Write short note on ROM.
- Q10)* What are the differences between internal commands and external commands in DOS? Give three examples of each type with syntax.
- Q11)* Explain various features of DOS.
- Q12)* Discuss applications of computers in Defense and Industry.
- Q13)* What are the disadvantages of networking? Explain briefly E-mail.

