

2025

SKILL ENHANCEMENT COURSE

Course Name : Computer Fundamentals & Application Software

Course Code : COM-SEC-1013/BCA-SEC-1013

Full Marks : 30

Time : $1\frac{1}{2}$ Hours

The figures in the margin indicate full marks for the questions.

1. Multiple Choice Questions : 1x5=5
 - a) Radix of octal number system :
(i) 2 (ii) 4 (iii) 8 (iv) 16
 - b) RAM is a volatile memory.
(i) True (ii) False
 - c) Octal representation of hexadecimal F :
(i) 17 (ii) 15 (iii) 71 (iv) 13
 - d) Which of the following is an example of system software ?
(i) MS Word (ii) Device drive (iii) Tally (iv) Photoshop
 - e) The smallest unit of data in a computer is :
(i) Bit (ii) Byte (iii) Nibble (iv) Word
2. Very short answer type question (**any five**) 2x5=10
 - a) Write two differences between RAM and ROM.
 - b) Mention two advantages of magnetic storage devices.
 - c) Write two advantages of Dot Matrix Printer ?
 - d) Write any two differences between CRT and LED monitors.
 - e) $(72)_8 = (?)_{10}$
 - f) What is the role of the Arithmetic Logic Unit (ALU) ?
 - g) Give two examples of Optical Disk Drive.

(Turn over)

3. Short answer type question (*any three*) : 5x3=15
- a) Explain the basic components of computer with block diagram.
 - b) $(11101.101)_2 = (?)_{10}$ and $(23.12)_{10} = (?)_2$
 - c) Distinguish between LCD and LED Monitor.
 - d) Distinguish between primary memory and secondary memory.
 - e) Write short notes on Injet Printer and Laser Printer.
