

BCA (Sem -I)

Paper: CC-1(CF & O)

Full Marks: 50

Time: 2 Hrs

1) Multiple Choice Question:

1 x 5=5

- a) Main Memory stores
(i) Data (ii) Programs
(iii) Both of these (iv) None of these
- b) Choose the odd one out
(i) Micro Computer (ii) Mini Computer
(iii) Super Computer (iv) Digital Computer
- c) On booting the computer, data is loaded from,
(i) RAM (ii) Cache (iii) ROM (iv) OS
- d) The computer as a machine and all other equipment associated with it, are termed as
(i) Hardware (ii) Software
(iii) firmware (iv) None of these
- e) The difference between memory and storage is that memory is and storage is
(i) Temporary, permanent
(ii) Permanent, Temporary
(iii) Slow, Fast
(iv) None of these

2) Fill in the blanks:

1 x 5=5

- a) PARAM is an example of computer.
- b) DOS command for changing from one directory to another
.....

20/11/20

e) Ms-DOS is classified as User operating system.

$$5 \times 2 = 10$$

- What is microprocessor? Describe it with block diagram.
- What is the difference between SRAM & DRAM.
- What is complements? Describe it with example.
- Convert into binary, octal and hexa : $(125)_{10}$

$$10 \times 3 = 30$$

- Write the advantage & disadvantage of networking.
- Write any 5 commands of MS-DOS with syntax and example.
- What is Computer Memory? Describe all types of memory classification.
- Explain the Gates with diagram and truth table: AND, OR, NAND, NOR XOR, XNOR.
- How many types of computer generation? Explain all.

8	125	4
26	15	13

125/13

tion? Explain all.

$$\begin{array}{r} 106 \\ 3 \overline{) 318} \\ \underline{30} \\ 18 \\ \underline{18} \\ 0 \end{array}$$

$$\begin{array}{r} 417 \\ 0 \overline{) 1671} \\ \underline{0} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

$$\begin{array}{r} 16 \\ 00 = 9 \\ 05 = 12 \end{array}$$

$$\begin{array}{r} 16 \\ 19 \\ \underline{14} \\ 4 \end{array}$$