

17.

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UTTARANCHAL SCHOOL OF COMPUTING SCIENCES
MID TERM EXAMINATION
ODD SEMESTER 2023-24
BCA | Ist Semester
COMPUTER FUNDAMENTALS | BCA – C101

Time: 1:15 Hour Max. Marks: 30

Note: All questions are compulsory.

Q.1- Answer the following questions. (1 x 6 = 6 Marks)

Multiple Choice Questions

- a) If the storage unit can retain its data even when power is turned off it is called: (CO1, BL-1)
 - a. Volatile
 - b. PROM
 - c. Non-Volatile
 - d. EPROM
- b) What is Landscape? (CO1, BL-1)
 - a. Page Orientation
 - b. Page Layout
 - c. Page Size
 - d. Font Size
- c) Internal commands in DOS are: (CO2, BL-1)
 - a. cls, rd, label
 - b. dir, ren, sys
 - c. time, type, dir
 - d. del, disk copy, label
- d) BIOS is used : (CO2, BL-1)
 - a. By Operating System
 - b. By Compiler
 - c. By Interpreter
 - d. Application Software
- e) Which of the following is an output device? (CO1, BL-5)
 - a. Mouse
 - b. BCR
 - c. Printer
 - d. CPU
- f) Second generation Technology used (CO1, BL-1)
 - a. Vacuum Tubes
 - b. LSI
 - c. Transistors
 - d. VLSI

Q.2-Write short note on any two (up to 70 words) (2 x 3 = 6 Marks)

- a) Design and explain block diagram of Computer. (CO1, BL-6)
- b) Explain any two types of optical disk. (CO1, BL-2)
- c) What is Software? Define the types of it with example. (CO2, BL-2)

Q.3-Attempt any one of the following (1 x 6 = 6 Marks)

- a) Explain primary and secondary memory used in computer system with the help of diagram. (CO1, BL-2)

OR

- b) Write short notes on: (CO1, BL-2)

- a) Input/Output devices
- b) Language Translators and its type
- c) Cache Memory
- d) Printer

Q.4- Attempt any one of the following. (1 x 6 = 6 Marks)

- a) Explain operating system? Discuss the various types of operating systems. (CO2, BL-2).

OR

- b) How can we create the following in MS-Word? (CO3, BL-6)

- a) Header-Footer
- b) Table
- c) Word-Art

Q.5- Attempt any one of the following. (1 x 6 = 6 Marks)

- a) What is MS-DOS? Explain any five internal and five external commands with its syntax (CO- 2, BL-2)

OR

- b) Explain all the generations of computers with technology used. (CO- 2, BL-1)