



41123/A230

Reg. No.

--	--	--	--	--	--	--	--

I Semester B.C.A. 4 Degree Examination, March - 2022

COMPUTER FUNDAMENTALS

(Repeaters)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

1. All the three sections are compulsory.
2. Draw diagram where necessary

SECTION-A

I. Answer all Ten questions.

(10×2=20)

- a) Define Data and Information.
- b) What is 'Bit' and 'Byte'?
- c) Name the types of Number System.
- d) Convert the Binary number $(1010)_{(2)}$ into decimal number?
- e) What is cache memory?
- f) Expand RAM and ROM.
- g) Define operating system.
- h) Name the types of Software.
- i) What is word Processor? Name some versions.
- j) Write the Purpose of 'LIST' and 'CD' command in Linux OS.

SECTION-B

II. Answer any Four questions.

(4×5=20)

- 2) Explain any Five characteristics of Computer?
- 3) Explain Positional number system.
- 4) Draw a neat diagram of optical disk? Explain Briefly.
- 5) Explain any five options of Desktop window.

[P.T.O.]



6) Write the syntax & examples of following commands.

- a) CAT
- b) GREP
- c) DATE
- d) CAL
- e) ECHO

SECTION-C

III. Answer any Four full questions.

(4×10=40)

- 7) Explain all the five generations of computer.
 - 8) a) Convert the given binary number $(110110)_2$ to its equivalent decimal, octal & Hexadecimal. (5)
b) Convert the given decimal number $(99)_{10}$ to its Equivalent Binary, octal and Hexadecimal. (5)
 - 9) a) Write the difference between RAM & ROM. (5)
b) Explain the advantages of magnetic Disk. (5)
 - 10) Explain all the Directory commands used in Unix/Linux.
 - 11) Write a short note on the following
 - a) Control Panel
 - b) Printer.
-