



44622/A0220

Reg. No.

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I Semester B.C.A. Degree Examination, March/April - 2021

COMPUTER FUNDAMENTALS

(Regular)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

1. Answer All Sections.
2. Draw neat diagrams wherever necessary.
3. Write question numbers Correctly.

SECTION - A

1. Answer Ten questions.

(10×2=20)

- a) Define Computer.
- b) Name the basic material used in 2nd Generation Computer.
- c) What is non-positional number System? Give example.
- d) $111011_{(2)} = \text{—————}_{(10)}$
- e) What is Cache memory?
- f) Name any two Sequential access storage devices.
- g) What is Multiprogramming?
- h) Name the shortcuts keys used for cut & paste operation.
- i) What do you mean by Hardware in Computer? Give example.
- j) Write the steps insert new row in a Worksheet.
- k) List the Components of Desktop in Windows.
- l) Write the purpose of pwd Command in Linux.

SECTION - B

Answer any FOUR questions.

(4×5=20)

2. Describe the features of Computer.
3. Perform the following Calculations.

a) $11011_{(2)} + 1010_{(2)}$ b) $11100_{(2)} - 1110_{(2)}$ c) $125_{(10)} = \text{—————}_{(2)}$

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44622/A0220

4. Explain different Categories of Processors.
5. What is Software? Discuss different types of Softwares along with example.
6. Name and write the Purpose of any 5 font related options of Ms-Word.
7. Explain any five items of Control panel in Windows.

SECTION - C

Answer any **FOUR** questions.

(4×10=40)

8. Discuss in detail the basic organisation of Computer system.
 9. Explain the different Commonly used Secondary storage devices used in Computer system.
 10. What is Operating system? Explain the different types of Operating systems.
 11. What is chart in Ms-Excel? Write the steps to insert chart in Ms-Excel & Name the different Components of chart with a Sample chart.
 12. Discuss the different file related Commands of Linux with their syntax and example.
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