



UNIVERSITY OF NORTH BENGAL
B.Sc. Minor/Dsc 1st Semester Examination, 2024

COMSMIN101/COMSDSC101-COMPUTER SCIENCE

COMPUTER FUNDAMENTALS

Time Allotted: 2 Hours 30 Minutes

Full Marks: 60

The figures in the margin indicate full marks.

GROUP-A

Answer any four of the following

$3 \times 4 = 12$

1. Explain the process of programming.
2. Discuss the features of Impact Printer.
3. Define Analog and Digital computers.
4. What are the advantages of modern digital computer?
5. Write down the various functions of Operating Systems.
6. Define Application software and give some appropriate examples.

GROUP-B

Answer any four of the following

$6 \times 4 = 24$

7. Discuss the various types of application area of computers.
8. Explain the different types of symbols used in flowchart.
9. Briefly discuss the LCD and the CRT monitors.
10. What are the differences between Algorithm and Flowchart?
11. Explain the various types of output devices.
12. Write short notes on PROM and EEPROM.

GROUP-C

Answer any two of the following

$12 \times 2 = 24$

13. Explain the different types of Memory.
14. Draw a block diagram of computer and discuss the functions of its components.
15. Discuss various characteristics and capabilities of a computer.
16. Write an algorithm, give a flowchart and pseudocode to find the largest among three numbers.

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