

October 2025
B.A./B.Sc.
First Semester
MINOR – 1
COMPUTER SCIENCE
Course Code: CSN 1.11
(Computer Fundamentals)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer three questions, taking one from each unit.

UNIT-I

1. (a) Define a computer. Write two characteristics of a computer.
1+1=2
- (b) Explain in detail the five generations of computers with examples for each. 10
2. (a) Explain the three main components of a CPU. 3
- (b) Write four differences between primary memory and secondary memory. 4
- (c) Briefly explain MROM, PROM, EPROM, EEPROM and flash ROM. 5

UNIT-II

3. (a) List and describe the different types of keys in a keyboard. 5
- (b) What is a trackball? Write two advantages and two disadvantages of using a trackball. 1+4=5
- (c) What is the difference between OMR and OCR? 2
4. (a) Explain the following types of monitors: 2×4=8
- (i) CRT (ii) LCD
- (iii) LED (iv) OLED
- (b) What are impact and non-impact printers? Give two examples for each. 2+2=4

UNIT-III

5. (a) What is MS Word? What are headers and footers in MS Word?
1+2=3
- (b) What are the benefits of using mail merge? 3
- (c) Explain the three mail merge components. 6
6. Explain the following functions in MS Excel: 2×6=12
- (a) average() (b) or()
- (c) count() (d) max()
- (e) countif() (f) and()

II. Answer any two of the following questions.

7. What is cache memory? Explain the levels of cache memory. 1+6=7
8. Explain any one impact printer with an illustration. Write its advantages and disadvantages. 5+2=7
9. Write the steps to create a letter using mail merge in MS Word. 7
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