

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

Total Mark: 50

Pass Mark: 20

Time: 2 hours

I. Answer the following questions.

1. (a) (i) What are PROM and MROM in computer memory? 2
(ii) Describe the evolution of various generations of computers. 10

OR

- (b) (i) What are the different basic functions in operating system? 5
(ii) Explain the different components of CPU with suitable diagram. 7

2. (a) (i) Explain MICR. Write two advantages and two disadvantages of using MICR. 2+4=6
(ii) Explain barcode reader. Write some applications of using a barcode reader. 2+4=6

OR

- (b) (i) Explain LED and LCD monitors. 6
(ii) What is a keyboard? Write down the different types of keys in keyboard. 1+5=6

3. (a) (i) Write the different text selections using mouse. 6
(ii) What are headers and footers? Write steps to insert headers and footers in MS Word. 2+4=6

OR

- (b) (i) Explain the following functions in MS Excel: AVERAGE(), SUMIF(), COUNTA(), MIN() 2×4=8
(ii) Explain the PMT() function in MS Excel. 4

II. Answer any two of the following questions.

4. Write the differences between volatile and non-volatile memory. 7
 5. What is electrostatic printer? Write its pros and cons. 1+6=7
 6. What is mail merge? Explain the three components of mail merge. 1+6=7
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