

BBA- 1st Semester (New Scheme)

Examination, November-2023

COMPUTER FUNDAMENTALS

Paper - BBAN-104

*Time allowed : 3 hours]*

*[Maximum marks : 50*

*Note: Section-A is compulsory. Attempt four questions selecting at least one question from each unit in Section-B. All questions carry equal marks.*

**Section-A**

1. Explain the following:
  - (a) Operating system as a resource manager
  - (b) Use of computer in books publication
  - (c) Plotters
  - (d) Visual Display Unit
  - (e) ASCII

**Section-B**

**Unit-I**

2. What are output devices? Discuss the various output devices along with their benefits and limitations.
3. What do you mean by software? How many types of software are there? Explain them with example.

**Unit-II**

4. Convert the following"-
  - (a)  $(1101.101)_2 = (?)_8$
  - (b)  $(7.2)_{10} = (?)_2$
5. Solve the following:
  - (a) Add  $(1110.110)_2$  into  $(1001.01)_2$
  - (b) Subtract  $(1101)_2$  from  $(1111)_2$  using 2's complement method.

**Unit-III**

6. What is an operating system? Discuss the various types of operating system.

7. Discuss various memory management techniques in operating system.

**Unit-IV**

8. Write note on:-
- (a) Application of Computers in banks.
  - (b) Application of Computer for data analysis.
9. How Computers have come to the assistance of doctors and the patients? Describe the implementation of computer system.