Roll No.

57504

BBA 1st Semester (New Scheme) Examination – December, 2022 COMPUTER FUNDAMENTALS

Paper: BBAN-104

Time: Three Hours]

[Maximum Marks: 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note: Section – A (Question No. 1) is compulsory. Attempt four questions from Section – B selecting one question from each Unit. All questions carry equal marks.

SECTION - A

- Explain the following :
- (a) Virtual memory
- (b) Freeware
- (c) Binary number system
- (d) Magnetic tape
- (e) Attributes of a file

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SECTION - B

I - TINU

- 2. What are the analog and digital computers? Discuss the evolution of digital computers.
- 3. Draw the block diagram of computer. Explain the function of each of the block.

UNIT - II

- Convert the following:
- (a) $(726)_8 = (?)_2$
- (b) $(1011)_2 = (?)_8$
- (c) $(1AF)_{16} = (?)_8$
- (d) $(264)_8 = (?)_2$
- (e) $(946)_{10} = (?)_2$
- Discuss the complement methods. Also perform the subtraction using 1's and 2's complement method:
- (a) $(11011)_2 (10001)_2$
- (b) (1110011)₂ (1001111)₂

UNIT - III

- 6. What is an operating system? Discuss its functions.
- 7. Discuss the file management systems in operating system. Also explain the various operations of file system.

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UNIT - IV

8. Write note on:

- (a) Application of computer in education field
- (b) Application of computer in desktop publishing system
- How computers have case out the tasks of publication houses?

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