

Roll No.

57504

BBA 1st Semester (N. S.) 2014-17

Examination – November, 2017

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 : Attempt all *five* parts of the question in Section A. Attempt *four* questions selecting *one* question from each Unit in Section B. All questions carry equal marks.

SECTION – A

1. Explain the following :

- (a) Analog Computer
- (b) Firmware
- (c) Octal Number System
- (d) UNIX Operating System
- (e) Use of Computers in Desktop Publishing

SECTION – B

UNIT – I

- 2. What is a digital computer ? Describe its main components with the help of a neat diagram.
- 3. What is computer memory ? Distinguish between primary and secondary memory. Explain any *one* of each type of computer memories.

UNIT – II

- 4. Convert the following :
 - (a) $(3FA.8)_{16} = (X)_{10}$
 - (b) $(101101101.101)_2 = (X)_8$
- 5. (a) Add $(11011.101)_2$ into $(1011)_2$
(b) Subtract 1101 from 1000 using 2's compliment method.

UNIT – III

- 6. What is an operating system ? Describe the functions of an operating system.
- 7. Explain the following :
 - (a) History of Operating Systems
 - (b) Operating System Structure

UNIT – IV

- 8. What are the various applications of computer in banks and education ?
- 9. (a) Describe the major applications of computers in medical field.
(b) How computers are used for data analysis ?