

Unit-IV

Roll No.

57504

B.B.A. 1st Sem. (N.S.) 2014-17

Examination – November, 2016

Computer Fundamentals

Paper-BBAN-104

Time : 3 hours

Max. 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 the 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) Computer Memory

ONLINESTUD

(b) Firmware

(c) Hexadecimal Number System

(d) Plotter

(e) Use of Computers for Data Analysis

Section-B

Unit-I

2. Distinguish between analog and digital computer. Also, give a brief overview of the evolution of digital computer systems.

3. What are output devices? Discuss various impacts and non-impacts printers along with their benefits and limitations.

Unit-II

4. Convert the following :

(a) $(116.5625)_{10} = (X)_2$

(b) $(1101011.10101)_2 = (X)_8$

5. (a) Add $(1101.1011)_2$ into $(10001.01)_2$

(b) Subtract $(1011)_2$ from $(111)_2$ using 1's complement method.

Unit-III

6. Define and discuss various types of operating systems.

7. Explain the structure and functions of operating systems.