Subject Code—0764

B.B.A. (First Year) EXAMINATION

(For Batch 2018 Onwards Main)

COMPUTER FUNDAMENTALS

BBA-107

Time : 3 *Hours*   *Maximum Marks :* 70

Note : Attempt *Five* questions in all, selecting *one* question from each Unit in addition to the compulsory Q. No. **1**. All questions carry equal marks.

Section A

1. Write short notes on any *two* of the following :

   (a) Differentiate between middleware and freeware

   (b) Evolution of digital computers

   (c) Classification of printers

(d) Application of computers in data analysis

(e) Addition of binary numbers

(f) Binary number system

(g) Firmware. **7×2=14**

Section B

Unit I

2. Elaborate some of the commonly used hardware devices ? Differentiate between hardware and software. **14**

3. What are the categories of computer components ? What are the characteristics of computers that make them indispensable for use in business ? **14**

Unit II

4. Solve the following : **14**

(i) $11001_2 = ?_{10}$

(ii) $42_{10} = ?_2$

5. (a) What is the method for hexadecimal to binary conversion ?

(b) Solve the following : **14**

$$2AB_{16} = ?_2$$

Unit III

6. What is an output device ? Name some of the commonly used output devices. **14**

7. Define Memory. Explain the various types of computer memory. **14**

Unit IV

8. Explain the applications of computers in medicinal field. **14**

9. What are the applications of computers helpful in books publication ? **14**