

Roll No.

56504

**MBA 5 Yr. 1st Semester (N. S.)
Examination – February, 2022**

COMPUTER FUNDAMENTAL AND APPLICATIONS

Paper : 501P-4

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 : This paper consists of two sections (Section A and B). Section A is compulsory and carrying questions of two marks each while Section B consists of eight questions of ten marks each. The students shall be required to attempt four questions from Section B selecting one question from each Unit. All questions carry equal marks.

56504-400(P-3)(Q-9)(22)

P. T. O.

SECTION – A

1/ Write short note on the following : 5 × 2 = 10

- (a) Binary Number System
- (b) Input Devices
- (c) Output Devices
- (d) Data Analysis
- (e) Primary Memory

SECTION – B

UNIT – I

- 2. What are analog and digital computer ? Classify the analog computer on the basis of size, speed, memory and use. 10
- 3. Explain the difference between System Software and Application Software. Describe the various types of application software that are generally used in libraries. 10

56504- (P-3)(Q-9)(22) (2)

UNIT – II

4. (a) Add $(1101.1011)_2$ into $(10001.01)_2$ 5
- (b) Subtract $(1011)_2$ from $(111)_2$ using 1's complement method. 5
5. What is decimal number system, how to read the decimal number system, explain with example? 10

UNIT – III

6. What are output devices? Discuss various impacts and non-impacts printers along with their benefit and limitations. <https://www.mdustudy.com> 10
7. Do you think that operating system is the soul of any electronic device? Explain the major functions and different type of operating system. 10

UNIT – IV

8. You are a Teacher in an Institute, how you use the computer in teaching? 10
9. Discuss various applications of computer in offices and medical fields. 10