

63028**B. A. (Gen./Hons./Subsidiary)****EXAMINATION, 2023**

(First Semester)

**COMPUTER AND PROGRAMMING
FUNDAMENTALS***Time : 3 Hours]**[Maximum Marks : 25*

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

1. (a) Define Flash memory. 1
- (b) Define operating system. 1
- (c) What is Multiprogramming ? 1
- (d) What do you mean by Debugging ? 1
- (e) Define Binary Search. 1

Unit I

2. Differentiate between RAM and ROM. 5
3. Differentiate between sequential and direct access devices. 5

Unit II

4. What is software and its types ? Explain relationship between hardware and software. 5
5. Differentiate between multiprogramming and multitasking operating system. 5

Unit III

6. Define Problem. What is the concept of problem solving technique ? 5
7. Write an algorithm to check whether the number is even or odd. 5

Unit IV

8. Explain the characteristics of good programming language. 5

9. Explain the following :

5

- (a) Sorting
- (b) Merging.