

Roll No.

UNIT - I

97661

**BCA 1st Semester
Examination – December, 2022**

COMPUTER & PROGRAMMING FUNDAMENTALS

Paper : BCA-101

Time : Three Hours]

[Maximum Marks : 80

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 five questions in all, selecting one question from each Unit. Q. No. 1 is compulsory.

1. Write short notes on following : 16

- (i) RAM
- (ii) Keyboard
- (iii) Assembly language
- (iv) LAN

2. Define computer. Describe the block diagram of computer along with its components. 16

3. Explain the following : 16

- (i) Cache memory
- (ii) Flash memory

UNIT - II

4. Define computer hardware and software. Explain types of software. Also explain the relationship between hardware and software. 16

5. Explain the following : 16

- (i) Antivirus software
- (ii) Functions of operating system

UNIT - III

6. Describe the following : 16

- (i) Fourth generation languages
- (ii) Characteristics of good programming language

7. Give a complete description about structured programming. 16

UNIT – IV

8. Define network topology. Explain its types in detail. 16
9. Describe internet and its applications in detail. 16

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