

Roll No. ....

**D-3567**

**B. Sc. (Part I) EXAMINATION, 2020**

**(New Course)**

COMPUTER SCIENCE

Paper First

**(Computer Fundamental)**

*Time : Three Hours ]*

*[ Maximum Marks : 50*

**Note :** Attempt any *one* part from each Unit. All question carry equal marks.

**Unit—I**

1. Explain the types of computer according to their size and function.

*Or*

Write short notes on the following :

- (i) Dumb, Smart and Intelligent terminals
- (ii) Multiprogramming, Multiuser system.

**Unit—II**

2. What is the Architecture of Intel 8085 microprocessor and describe the parts of computer.

*Or*

Write short notes on the following :

- (i) Instruction cycle
- (ii) Fetch and Execute Operation

**(B-1) P. T. O.**

**[ 2 ]**

**Unit—III**

3. What is memory ? Explain the types of memory.

*Or*

Write short notes on the following :

- (i) Destructive and Non-destructive readout
- (ii) MMV and PCMCIA Card

**Unit—IV**

4. Explain Impact/Non-impact Printer.

*Or*

Explain Raster Scan and Vector Scan.

**Unit—V**

5. What is software ? Explain the types of software.

*Or*

Write the features of all types of programming languages.

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