DD-2655

B.Sc. (Part-I)

EXAMINATION, 2020

COMPUTER SCIENCE

Paper First

(Computer Fundamentals)

Time : Three Hours **Maximum Marks : 50**

Note: *Attempt all the five questions. One question from each Unit is compulsory. All questions carry equal marks.*

Unit-1

1. Write the major components of a digital Computer. **10**

OR

Define the following :

(1) User Interface

(2) Multi Programming

(3) Multiuser

(4) Batch Processing System

(5) LAN.

[P.T.O.]

Unit-2

2. What is instruction ? Write some of instructions of Intel 8085. **10**

OR

Explain various addressing modes.

Unit-3

3. What is RAM ? Write the different types of RAM. **10**

OR

Write short notes on following :

(1) Direct Access Storage Devices (DASDs)

(2) PCMCIA cards and slots.

Unit-4

4. Write the classification of Printer. **10**

OR

Explain Serial Data Transfer.

Unit-5

5. Define Assembler. Also write the advantages and disadvantages of Assembly language. **10**

OR

Describe the techniques to design programs.