

Roll No. ....

**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.]**

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**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.