

Roll No.....

DD-2769

**B.Sc. (Part-III)
EXAMINATION, 2020
COMPUTER SCIENCE**

Paper First

(Computer Hardware-Part-C)

Time : Three hours

Maximum Marks : 50

Note : *Attempt all the five questions. All questions carry equal marks.*

Unit-1

- 1.(a) Discuss data addressing modes of 8088 Microprocessor.
- (b) Describe Hardware Controlled I/O.

OR

- (a) Explain Block diagram of 8088 Microprocessor.
- (b) Differentiate between I/O mapped memory and memory mapped I/O.

[P.T.O.]

Unit-2

2. (a) Describe Video control through ROM-BIOS INT 10 H Service ?
- (b) Explain parallel port of printer.

OR

- (a) Discuss various Disk Controllers.
- (b) Explain video control through ANSI. SYS.

Unit-3

- 3.(a) Explain file structure of DOS, also explain function of DOS OS.
- (b) Describe ROM-BIOS Printer Service.

OR

- (a) What do you mean by UNIX ? Explain in brief.
- (b) Explain device handling by DOS.

Unit-4

- 4.(a) What is FCB ? Explain in brief.
- (b) What do you mean by Parameter blocks ?

OR

- (a) Describe logical structure of DOS Disk ?
- (b) How memory be managed in DOS ? Explain with some functions.

Unit-5

5. (a) Explain SORT filter supplied with DOS.
- (b) Write short note on trouble shooting.

OR

- (a) What do you mean by interrupt ? Explain types.
- (b) Write short notes on Networking features of DOS.