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B.Sc. (Part-III) Examination, 2021 COMPUTER SCIENCE

Paper - I

(Computer Hardware)

Time Allowed : Three Hours

Maximum Marks : 50

Minimum Pass Marks : 17

Note : Attempt all the five questions. One question from each unit is compulsory. All questions carry equal marks.7

Unit - I

Q. 1. Explain various Registers of CPU.

Or

Q. 2. What do you mean by Micro Computer ? Explain basic components of micro-computer.

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Unit - II

Q. 3. Describe block diagram with various parts of PC.

Or

Q. 4. Explain various Disk Controller.

Unit - III

Q. 5. What do you mean by ROM-BIOS ? Explain ROM-BIOS Diskette service INT 13H.

Or

Q. 6. Explain DOS functions through INT 21H

Unit - IV

Q. 7. What is memory ? Explain loading and executing programs under DOS.

Or

Q. 8. Write short notes on :

(a) FAT files

(b) Manipulating files under DOS

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Unit - V

Q. 9. What do you mean by Interrupt ? Explain various Interrupts.

Or

Q. 10. Describe the filters supplied with DOS.

