AF-3048

B.Sc. (Part-II)
Term End Examination, 2017-18

COMPUTER SCIENCE

Paper - I

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

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. Explain computer components and memory addressing capability of CPU.

OR

Discuss about multiprogramming and multiuser system and its advantages.

Unit-II

2. Explain instruction cycle fetch and execute operation.

OR

Discuss in detail instructions for INTEL 8085.

(2)

Unit-III

3. Explain memory and its type with characteristics.

OR

What is backup memory ? Explain memory controller and magnetic memory.

Unit-IV

4. Explain the following :

(*a*) Microcontroller

(*b*) Printer and its type

OR

What is I/O Devices ? Explain I/O port serial data transfer scheme.

Unit-V

5. Write the difference between multi programming, multiuser, multitasking operating systems.

OR

What is Debugging ? Explain subroutine debugging of program macro.

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