

ROLL No. _____

LS—140

ANNUAL EXAMINATION, 2014

B. Sc. II

COMPUTER SCIENCE

Paper I

[Computer Hardware]

Time : Three Hours]

[M. M. : 50

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

UNIT – I

1. What do you mean by computer network ? Explain various type of network used.
2. Write difference among Hardware, Software and Firmware.

UNIT – II

3. Give the organization of CPU. Write various registers used in microprocessor.

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4. Explain the various way of data transfer from CPU to I/O devices and vice versa.

UNIT – III

5. Explain the following :

- (i) Cache memory,
- (ii) Real and virtual memory.

6. Explain the following :

- (i) Optical disk,
- (ii) Magnetic memory.

UNIT – IV

7. What is micro controller ? Describe the working of signal processor and I/O processor.

8. Write note on : <http://www.a2zsubjects.com>

- (i) Printer,
- (ii) Plotters.

UNIT – V

9. What do you mean by operating system ? Write advantages of window OS over DOS.

10. Describe any two application packages with example.

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