Time: Three hours Maximum: 100 marks

Answer ALL questions.

All questions carry equal marks.

 $(5 \times 20 = 100)$

1. (a) Elaborate the various components of a computer.

Or

- (b) What are the various types of operating systems? Explain.
- 2. (a) List out the various parts of MSDOS.

Or

- (b) Define Database. Describe the different stages in the development of a database.
- 3. (a) Discuss the concepts of word processing explain formal design.

Or

(b) Enumerate the features of WordStar.

4. (a) Describe various programming languages.

Or

- (b) Discuss the criteria for selection of computer hardware for library automation.
- 5. Write short notes on any THREE of the following.
 - (a) First Generation computers.
 - (b) RAM.
 - (c) Out put devices.
 - (d) Characteristics of computer.
 - (e) Compliers and Interpreters.

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