



FD-2852

BCA (Part-I) Examination, 2022

Paper - II

Computer Fundamentals

Time : Three Hours] [Maximum Marks : 80

[Minimum Pass Marks : 27

Note : Answer any **two** parts from each question. All questions carry equal marks.

Unit-I

1. (a) What is logic gates ? Explain with example.
- (b) Explain 1's and 2's complement with example.
- (c) Write short notes on the following :
 - (i) Mini computer
 - (ii) Mainframe computer

Unit-II

2. (a) What is pointing devices ? Write about mouse and light pen in brief.
- (b) Write about the scanning devices with example.
- (c) What is soft copy output device ? Explain the projector and speakers in brief.

Unit-III

3. (a) Explain direct access storage devices in brief.
- (b) Write short notes on the following :
- (i) Mass storage system
- (ii) Optical disk
- (c) Write about data storage and retrieval method.

Unit-IV

4. (a) What do you mean by software ? Explain the difference between a system software and application software.
- (b) What is application software ? Write difference between program and packages.
- (c) Explain the types of computer language in detail.

Unit-V

5. (a) Write a short note on LINUX.
- (b) Write any five internal commands of DOS with proper syntax.
- (c) Write short notes on the following :
- (i) System file and command.com
 - (ii) Elementary external DOS commands
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