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**F-1882****DIPLOMA IN COMPUTER APPLICATION  
(FIRST SEMESTER)****EXAMINATION, Dec. - Jan., 2021-22****(New Course)****ESSENTIALS OF INFORMATION TECHNOLOGY AND OS****(DCA-101)****Time : Three Hours]****[Maximum Marks : 100****[Minimum Pass marks : 33****Note :** Attempt any two parts from each unit. All questions carry equal marks.**Unit - I**

1. (A) What is computer? Explain computer system characteristics and capabilities.
- (B) Explain the generation of computer in details.
- (C) Write short notes on the following-
  - (i) Computer Hardware and Software
  - (ii) Micro Computer System

**Unit - II**

2. (A) What do you mean by input devices? Explain the various types of input devices.
- (B) Write down the difference between RAM and ROM.
- (C) Write short note on the following :
  - (i) Monitor
  - (ii) Printer

**Unit - III**

3. (A) What is MS-DOS? Explain the version of DOS.
- (B) Differentiate between Internal and External MS-DOS commands with example.
- (C) Explain the following commands.
  - (i) DIR
  - (ii) CD
  - (iii) DEL
  - (iv) REN
  - (v) COPY

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#### **Unit - IV**

4. (A) Explain any five windows accessories in detail.
- (B) Explain the structure and features of Windows Operating System.
- (C) Write a short notes-
- (i) Desktop and Taskbar
  - (ii) My Computer and Recycle Bin

#### **Unit - V**

5. (A) Write the features of Linux operating System.
- (B) Draw and explain the structure of linux operating System.
- (C) Explain the following Linux commands with syntax and example-
- (i) md
  - (ii) ls
  - (iii) find
  - (iv) mv
  - (v) cd