

G - 1801

DIPLOMA IN COMPUTER APPLICATION (FIRST SEMESTER)

Examination, Dec.-Jan., 2022-23

(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) Draw and explain block diagram of computer.
- (B) Explain the generation of computer in details.
- (C) Write short notes on the following.
 - (i) Micro Computer System
 - (ii) Mini Computer.

P.T.O.

(Unit - II)

2. (A) What do you mean by output devices? Explain the various types of output devices.
- (B) What is storage devices? Explain the various types of storage devices.
- (C) Write short notes on the following:
- (i) Scanner
 - (ii) Keyboard and Mouse

(Unit - III)

3. (A) What is MS-DOS? Explain the history and versions of DOS.
- (B) Explain the following: Internal DOS commands:
- (i) MD
 - (ii) CLS
 - (iii) DATE
 - (iv) TYPE
 - (v) CD

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(C) Explain the following External DOS commands:

- (i) CHKDSK
- (ii) XCOPY
- (iii) PRINT
- (iv) DISKCOMP
- (v) TREE

(Unit - IV)

4. (A) Describe windows and its features.
- (B) Explain windows explorer and control panel.
- (C) Write short notes on the following:
- (i) Desktop
 - (ii) Taskbar
 - (iii) My Computer
 - (iv) Notepad
 - (v) Character Map

(Unit - V)

5. (A) Explain Linux and its structure in detail.

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(B) What is a Linux editor? Explain any two Linux editors.

(C) Explain the following Linux commands:

(i) cd

(ii) md

(iii) cat

(iv) rm

(v) grep