

Roll No.

E-1882

**Diploma in Computer Application
(First Semester)
EXAMINATION, Dec.-Jan., 2020-21
(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 are the different types of Computer ? Explain.
- (b) Draw and explain block diagram of general purpose Computer.
- (c) Write short notes on the following :
 - (i) XT
 - (ii) AT Pentium

P. T. O.

Unit—II

2. (a) What is the difference between primary memory and secondary memory ? Explain different types of ROM.
- (b) What is meant by non-impact printer ? Explain the various types of non-impact printer.
- (c) Explain the following :
 - (i) MICR
 - (ii) Flat Screen Technologies

Unit—III

3. (a) Explain internal and external DOS commands with five commands of each type.
- (b) What is DOS ? Explain benefits and drawback of DOS.
- (c) How do you perform the following tasks in DOS ?
 - (i) Make a directory
 - (ii) Copy a file from one location to another location
 - (iii) Deleting a file
 - (iv) Deleting the directory
 - (v) Listing directories

Unit—IV

4. (a) Describe windows and its features.
- (b) Explain window accessories. Write about character map and word pad in detail.

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- (c) Explain the following :
 - (i) Navigation the web
 - (ii) Creating files and folders

Unit—V

- 5. (a) Explain Linux and its features.
- (b) What do you understand by Editor ? Explain editors of Linux.
- (c) Explain the following :
 - (i) cd
 - (ii) md
 - (iii) rm
 - (iv) mv
 - (v) giep