

**G-1/607/22**

Roll No. ....

**I Semester Examination, January 2022**

**DCA**

**Paper I**

**(Essential of Information Technology and OS)**

Time : 3 Hours ]

[ Max. Marks : 100

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

**Unit-I**

1. (a) Define Computer. Write the capabilities of computer.
- (b) Describe the generations of computer.
- (c) What is PC ? Explain the types of PC.

**Unit-II**

2. (a) Discuss the different input devices.
- (b) Explain the secondary storage devices in detail.
- (c) Describe the types of Printers.

**Unit-III**

3. (a) Explain the History and versions of DOS.

P.T.O.

(b) Discuss the following internal DOS commands :

- (i) DIR                      (ii) MD
- (iii) Copy                  (iv) DEL
- (v) REN.

(c) Discuss the following external DOS commands :

- (i) CHKDSK                  (ii) PRINT
- (iii) DOSKEY                (iv) TREE
- (v) ATTRIB.

#### **Unit-IV**

4. (a) Explain the Desktop, taskbar and start menu in detail.
- (b) How to create a folder on Windows ? Explain other explorer facilities also.
- (c) Describe the internal explorer and control panel in brief.

#### **Unit-V**

5. (a) Explain the open source software and evolution of Linux.

(b) Describe the Linux editors and editor commands.

(c) Discuss the following linux commands :

- (i) ls                                  (ii) cat
- (iii) find                              (iv) grep
- (v) rm.

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