FD-1000

DCA 1st Semester
Examination, Dec.-Jan., 2021-22

ESSENTIALS OF INFORMATION TECHNOLOGY AND OS

(DCA - 101)

Time : Three Hours]   [*Maximum Marks* : 100
                                [*Minimum Pass Marks* : 33

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

Unit-I

1. (*a*) Draw block diagram of a computer. Explain different sections of it.

(*b*) Describe the features of micros, minis and mainframe computer.

(*c*) Differentiate between PC-XT and PC-AT.

(2)

Unit-II

2. (*a*) What are scanning devices ? Discuss OMR, OCR and MICR.

   (*b*) What are secondary storage devices ? Discuss any two.

   (*c*) Write a short note on flat screen technologies.

Unit-III

3. (*a*) Describe the system files of disk operating system.

   (*b*) Define the following DOS internal commands :

   (*i*) DIR

   (*ii*) COPY

   (*iii*) PEN

   (*iv*) CLS

   (*v*) MD

   (*c*) Explain the creation of batch files in DOS.

Unit-IV

4. (*a*) What is Windows operating system ? Write the features of it.

   (*b*) Write a short note on Microsoft paint.

   (*c*) Discuss about internet explorer basics.

(3)

Unit-V

5. (*a*) Explain the concept of open source software.

(*b*) Discuss directory structure of Linux OS.

(*c*) Explain the following commands with syntax and example :

(*i*) cd

(*ii*) rm

(*iii*) ls

(*iv*) cat

(*v*) mv

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