ED-1000

Diploma in Computer Application
1st Semester Examination, March-April 2021

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*) What are the different types of computer ? Explain.

   (*b*) Explain the characteristics and capabilities of computer system.

   (*c*) Describe IBM personal computers and their types.

Unit-II

2. (*a*) What is input device ? Explain keyboard, Mouse, Scanner, Light pen and Voice input device.

DRG_26_(3)　　　　　　　　*(Turn Over)*

(2)

(*b*) What do you mean by primary memory ? Differentiate between RAM and ROM.

(*c*) Write the difference between impact and non-impact printers.

Unit-III

3. (*a*) What do you mean by Internal and External DOS command ?

(*b*) Explain the Booting process of DOS.

(*c*) Give Syntax of the following DOS commands :

(*i*) PATH

(*ii*) TREE

(*iii*) DISKCOPY

(*iv*) SORT

(*v*) PROMPT

Unit-IV

4. (*a*) Explain the structure and components of Windows.

(*b*) Explain various types of Windows accessories.

(*c*) What is the role of control panel ?

Unit-V

5. (*a*) Write the features and structure of Linux operating system.

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(*b*) What are the various system directories and files available in Linux ?

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

(*i*) cd

(*ii*) ls

(*iii*) cat

(*iv*) find

(*v*) Grep

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