Degree (Part-III) Examination, 2021

(Vocational)

INFORMATION TECHNOLOGY

| Paper : Sixth |

[PPU-D-III-(H)-IT-6]

Time : Three Hours]   [Maximum Marks : 100

Note : Candidates are required to give their answers in their own words as far as practicable. The questions are of equal value. Answer **any five** questions, selecting at least **one** from each group.

Group-A

1. (a) What is controls in Visual Basic ? Discuss any three important controls with the common properties and events.

   (b) What do you mean by IDE (Integrated Development environment). Explain MDI environment.

2. (a) What are the different types of scrollbars ? Write a program to demonstrate the use of scrollbars in VB.

   (b) What are the different data types supported by VB ? Write about any three with their declaration

3. Write short notes on **any three** of the followings :

   (a) ADO

   (b) Logical operators in VB

   (c) Event procedures

   (d) Control Flow Statement

4. (a) How combobox is different from List box, explain with examples ?

   (b) Discuss advantages and disadvantages of Active-x control.

5. (a) What do you understand by event driven programming in VB ?

   (b) Explain OLE in Visual Basic.

Group-B

6.   (a)   What is Stored procedure in SQL, explain with examples.

           (b)   What is view in SQL and why it used ?

7.   (a)   What is index in SQL ? What type of indexes are available in SQL server ?

           (b)   Write about SQL operators.

8.   (a)   What is OLE DB in SQL ?

           (b)   Why we use user defined data types in SQL, explain with examples.

Group-C

9.   Write short notes on **any three** :

           (a)   Data Dictionary

           (b)   Audit Trail

           (c)   Gantt Chart

           (d)   Water Fall model