

Total Pages : 4

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

Degree (Part-III) Examination, 2025

(Vocational)

INFORMATION TECHNOLOGY

Paper Code : 400506

**(Visual Programming with Visual
Basic, B. SQL Server, System
Analysis Design)**

Time : Three Hours]

[Maximum Marks : 100

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

GROUP-A

- (a) Write the main features of VB.
- (b) Explain the different Operators available in VB with example.

400506/600

(1)

Turn Over

2.

What is Re Dim? Write the use of keyword "Re Dim" while using array.

(b) What is use of input box in VB? Write a program to enter a number and compute the factorial of a number.

3.

(a) Explain Label. Picture Box and Command Button with their properties methods and events.

(b) What is MDI? Write the advantage of MDI in VB application.

4.

(a) What do you mean by IDE? Explain each of their components.

(b) Discuss decision making and control statement in VB.

GROUP-B

5. Write shorts notes on the following :

(a) RDMBS

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400506/600

(2)

- (b) Installation of SQL SERVER steps
 - (c) Schema and Sub-Schema
6. (a) Describe the data types of SQL server 2000 with range of data.
- (b) Discuss the Project and Join operations in SQL server.
7. (a) Discuss the DDL commands of SQL with suitable example.
- (b) Write any SQL server built-in function of Query.
8. Create a table with primary key student and marks with foreign key constraint. And insert any three student details with marks a suitable example.

GROUP-C

9. Explain the system concept with system diagram.

10. Discuss the types of system and man made information systems in details.

11. Explain System development Life cycle with a case study.

12. Explain Logical and Physical Model and DFD with suitable example.

THE END