

M.C.M. - II CBCS Pattern Semester-III  
**PMCMT302 - Paper-II : Front End Development with Visual Basic**

P. Pages : 2

Time : Three Hours



**GUG/S/24/10771**

Max. Marks : 80

- 
- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagram wherever required.
  3. Avoid vague answers and write answers relevant and specific to question only.

**Either:**

1. a) What is IDE? How it is useful for making application development easier? 8
- b) What are the different data types supported by VB? 8

**OR**

- c) Write a program in VB to print all leap years from 1900 to 2023. 8
- d) Define constants. What is the need of defining constant values. Explain in short. 8

**Either:**

2. a) Design a form in VB to accept first name, Middle name, Last name and display full name. 8
- b) Design a VB application that give choices of three colors and lets user choose any one color using option button. 8

**OR**

- c) Explain any two VB control and its properties. 8
- d) Explain the concept of subroutine with syntax. 8

**Either:**

3. a) Explain for---each loop with example. 8
- b) Write a procedure to create pop-up menu. 8

**OR**

- c) Explain the concept of parent form and child form in MDI. 8
- d) Explain the following- 8
  - i) LBound( )
  - ii) UBound( )

**Either:**

- |           |    |                                |          |
|-----------|----|--------------------------------|----------|
| <b>4.</b> | a) | What is Active Data Object.    | <b>8</b> |
|           | b) | What do you mean by Debugging. | <b>8</b> |

**OR**

- |           |    |   |          |
|-----------|----|---|----------|
|           | c) | What are the features of data report supported by VB. | <b>8</b> |
|           | d) | Explain ADO architecture in detail.                   | <b>8</b> |
| <b>5.</b> |    | Solve all questions.                                  |          |
|           | a) | Explain if-then statement with example.               | <b>4</b> |
|           | b) | Describe Rich Text Box.                               | <b>4</b> |
|           | c) | Describe any two mandatory property of menu.          | <b>4</b> |
|           | d) | Write in short syntax error.                          | <b>4</b> |

\*\*\*\*\*