

B.C.A. - II (CBCS Pattern) Semester-IV  
**UBCAT401 - Paper-I : Front End Development Using Visual Basics**

P. Pages : 2

Time : Three Hours



**GUG/S/25/11975**

Max. Marks : 40

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagram and use supporting data whenever necessary.
  3. Avoid vague answer and write specific answer related to question.

**Either:**

1. a) How to declare variable in VB? Explain option Explicit with suitable example. 4
- b) Explain following in detail. 4
- |              |               |
|--------------|---------------|
| i) Left ( )  | ii) RTrim ( ) |
| iii) Replace | iv) Val ( )   |

**OR**

- c) List and explain various data types available in VB. 4
- d) Explain the following in detail, with suitable code. 4
- |                       |                         |
|-----------------------|-------------------------|
| i) Do----- Loop while | ii) Do Until ----- Loop |
|-----------------------|-------------------------|

**Either:**

2. a) What is procedure? Explain function procedure with suitable example. 4
- b) Write a program in VB to demonstrate the use of file controls. 4

**OR**

- c) Write a detail note on 4
- |              |                   |
|--------------|-------------------|
| i) Check Box | ii) Rich Text Box |
|--------------|-------------------|
- d) Write a program in VB to add and remove city from combo box. 4

**Either:**

3. a) Explain menu Editor with various utility features provided by it. 4
- b) Describe the steps by step to create toolbar using image list in VB. 4

**OR**

- c) What is Pop-Up menu? Give the step by step procedure to create custom Pop-Up menu. 4
- d) Write a detail note on: 4
- |        |         |
|--------|---------|
| i) SDI | ii) MDI |
|--------|---------|

**Either:**

- |           |    |  |          |
|-----------|----|--|----------|
| <b>4.</b> | a) | Explain ADO architecture in detail.                                  | <b>4</b> |
|           | b) | Write a program in VB to handle Runtime error such as division by o. | <b>4</b> |

**OR**

- |           |     |   |          |
|-----------|-----|---|----------|
|           | c)  | What is Data Environment? Explain connection object and command object in detail. | <b>4</b> |
|           | d)  | Explain how to connect ADODC to Bound control in detail.                          | <b>4</b> |
| <b>5.</b> |     | Solve all the questions.  |          |
|           | a)  | Explain with ----- end with in detail.  | <b>2</b> |
|           | b)  | Describe form as a container in detail.   | <b>2</b> |
|           | c)  | Write a detail note on for ----- each loop.                                       | <b>2</b> |
|           | d)  | Write a note on   | <b>2</b> |
|           | i)  | Syntax error  |          |
|           | ii) | Logical error   |          |

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