

B.C.C.A. - III (CBCS Pattern) Semester-V
UBCCAT503.1 - Elective-I Paper-III : Advance Visual Basic

P. Pages : 2

Time : Three Hours



GUG/S/25/13040

Max. Marks : 40

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

Either:

1. a) Draw and explain the ADO object model and its components. 4
- b) How do you establish a connection to a database using ADO? 4

OR

- c) Define cursor. Explain any three types in detail. 4
- d) Explain: 4
 - i) BOF
 - ii) EOF

Either:

2. a) Write a program in visual Basics to display student information with ADODC connection with MS-Access. 4
- b) Explain following data bound controls 4
 - i) List
 - ii) Combo

OR

- c) Draw and explain the ADO Architecture and its layers. 4
- d) Explain ADO object methods for editing and updating. 4

Either:

3. a) Describe the process of designing reports with data environment. 4
- b) Enlist the benefits of using data reports. 4

OR

- c) Explain command hierarchies in report design. 4
- d) Define Active-X controls and their purpose. 4

Either:

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|-----------|-----|---|----------|
| 4. | a) | Write a note on: | 4 |
| | i) | Syntax Errors | |
| | ii) | Logical Errors | |
| | b) | Describe how to trap and handle runtime errors. | 4 |

OR

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|-----------|----|---|----------|
| | c) | Explain Err object and its properties. | 4 |
| | d) | Describe how to handle errors using error handling functions. | 4 |
| 5. | | Solve all the questions. | |
| | a) | How do you deleted records using the delete method? | 2 |
| | b) | Explain Add New method for inserting records. | 2 |
| | c) | Define data report and its components. | 2 |
| | d) | Explain importance of debugging in programming. | 2 |
