

Roll No. ....

Total Pages:  
**10427**

**MCA (6/7)/D-12  
VISUAL PROGRAMMING  
Paper-MCA-302**

Time allowed: 3 hours

Maximum marks: 80

**Note:** Question no. 1 is compulsory. In addition, attempt one question from each unit.

**Compulsory Question**

1. (a) Describe any six features of Visual Basic.  
(b) Define array with syntax and example.  
(c) Why VB is called Object-based programming language?  
(d) What is combo box? List its properties and methods.  
(e) Explain the different type of Record set.  
(f) Differentiate between Active-X EXE & Active-X DLL.  
(g) Explain any three input/output functions in VB with syntax.  
(h) What are the data bound controls?

8 x 3 = 24

**Unit-I**

2. (a) Explain all looping statements in VB with simple examples. 10  
(b) What are the special values used in VB. 4
3. (a) Differentiate between the following  
(i) Arrays and Collection.  
(ii) Image box & Picture box.  
(iii) Procedures & Subroutines. 12  
(b) What is OLE? 2

**Unit-II**

4. What is drag & drop operation? Explain. Write a simple program to implement Drag & drop operation in VB. 14
5. (a) Explain the following controls:  
Slider control, Tree view, Toolbar, Image list. 10  
(b) Discuss load, unload statement & hide, show methods with reference of the Form. 4

**Unit-III**

6. What is file handling? Explain the following using file handling:  
Create a file, find the length of file, writing to a sequential file & writing to a random Access file. 14
7. (a) What is module? Differentiate the different type of module in VB. 7  
(b) Explain the different methods used in graphics. 7

**Unit-IV**

8. (a) What are the Active X controls? How can you create your own Active X controls In VB? 7  
(b) How can we access data by using data control? Explain 7  
(b) Differentiate between DAO, RDO, ADO. 7