

BCA/M-16
ADVANCED PROGRAMMING WITH
VISUAL BASIC
PAPER-BCA-365

Time Allowed: 3 Hours

Maximum Marks: 80

Note: Attempt five questions in all. Question No. 1 is compulsory. All questions carry equal marks.

Compulsory Question

1. (a) Explain properties of form.
(b) Differentiate Picture Box and Image Box.
(c) How can you add shortcut keys to menu items?
(d) Explain currentX and currentY properties of Graphics.

UNIT-I

2. (a) Write a program in VB to multiply two matrices.
(b) What is purpose of For Each-Next loop ? Write its syntax and explain with example.
3. (a) Explain concept of multiple forms with example program of your choice.
(b) Discuss Drag and Drop operation with the help of examples.
(c) How can you manage forms at run time ?

UNIT-II

4. What do you mean by dynamic menu appearance ? Describe with examples different strategies for developing dynamic menu in visual Basic. Also discuss popup menus.
5. (a) What is the purpose of Toolbar Control ? Write steps to create toolbar of your choice in VB From.
(b) Explain slider control with example.

UNIT-III

6. Discuss file handling in VB giving necessary statements with examples for sequential file.
7. Explain the following with examples :
 - (a) Paint Event
 - (b) Line and circle Methods

UNIT-IV

8. (a) What is the utility of Data Bound Controls ? Explain various data bound controls with examples.
 - (b) Explain method to delete record from Database.
9. Implement the VB program to maintain the employee information using MS ACCESS and any database control (Empno, ename, dep-no, bp, hra, ta, da, netsal). Where $\text{netsal} = \text{bp} + \text{hra} + \text{ta} + \text{da}$