

M.C.M. (Second Year) Semester—III Examination

VISUAL COMPUTING

Paper—3 MCM 3

Time—Three Hours]

[Maximum Marks—80

Note :—(1) Assume suitable data wherever necessary.

(2) Illustrate your answers with the help of program/code wherever necessary.

1. (a) Describe the components of the Visual Basic Integrated Development Environment. 8
- (b) Write a procedure for creating menus and submenus on a VB form. 8

OR

2. (a) Describe the procedure for accessing a text box and label with example. 6
- (b) Explain various events associated with mouse. 6
- (c) List and describe various buttons available with message box. 4
3. (a) Write a program in VB to draw the following shape : 8



- (b) Describe the function circle (). How can it be used to draw ellipse and arc ? 8

OR

4. (a) Describe way to display an image on form using image box and picture box. 8
- (b) Write a program in VB which draws a rectangle and fills it with random colors continuously after every two seconds. 8
5. (a) What is Active-X controls ? Write the procedure to add properties and methods to a custom Active-X control. 8
- (b) Explain MDI form with example. 8

OR

6. (a) What is OLE ? Explain various OLE methods Embedding and Linking. 8
- (b) Explain Sequential File handling. 8
7. (a) Explain object oriented programming with its features in VB. 8
- (b) Explain the steps of DAO used to connect with MS-Access Database with example. 8

OR

8. (a) What is 'Data Reports' ? List its features. 6
- (b) Explain interfaces in Visual Basic (public, protected and friend). 6
- (c) What are Active-X controls ? Explain. 4
9. (a) What is ADO ? Explain with example. 8
- (b) Describe the procedure for creating a database and a table definition. 8

OR

10. (a) What is flexgrid control ? Explain its properties. How does it differ from data grid control ? 8
- (b) Explain the procedure for connecting a VB program to a database using MS-Access. 8