

Roll No.....

Total Pages: 3
1917

BCA/M-17
ADVANCED PROGRAMMING WITH VISUAL BASIC
Paper: BCA-365

Time: Three Hours

Maximum Marks: 80

Note: Attempt five questions including No. 1 which is compulsory. All questions carry equal marks.

Compulsory Question

1. (a) Distinguish arrays and collection.
(b) What are event of drag and drop?
(c) Write steps to delete Menu Item.
(d) Explain method to add record in database.

Unit-I

2. What is Collection? How is Collection created? Discuss methods for adding, removing, counting and returning items in a collection with syntax and examples.
3. Describe the following concepts with respect to form objects (Give examples) :
 - (a) Hide and Show Method
 - (b) Load and Unload statements
 - (c) Load, Unload, Activate and Deactivate Event.

Unit-II

4. (a) Discuss in detail steps to add menu to a form.
(b) Explain steps to modify menu items.
5. (a) Write a VB program that uses Scroll Bar Control.
(b) Discuss Rich Text Box Control with example.

Unit-III

6. Explain the following functions with syntax and examples in context to Random files in VB :
 - (a) get
 - (b) put
 - (c) LOF
 - (d) SEEK
7. (a) Write a VB program that uses option buttons and picture box. When you click on some option button, corresponding picture should load in picture box.

- (b) Explain Scale Mode and Draw Mode, Graphic properties.

Unit-IV

7. (a) Explain briefly different types of Record Set.
(b) How can you connect database with DAO Data Control?
8. Implement the VB program to maintain student result using MS-Access and ADO Control (rollno, name, m1, m2, m3, m4,percentage) where $tm = m1 + m2 + m3 + m4$
Percentage = $(tm/400) * 100$