

**DIPLOMA - VIEP - COMPUTER SCIENCE AND
ENGINEERING (DCSVI)****Term-End Examination****December, 2015****BICS-036 : VISUAL BASIC PROGRAMMING***Time : 2 hours**Maximum Marks : 70*

Note : Answer any **seven** questions. All questions carry equal marks.

1. What is meant by Visual Basic Environment ?
Discuss the role of title bar, menu bar and tool bar. 10
2. (a) Discuss the utility of different tools available in tool box. 5
(b) Discuss the various data types available in Visual Basic. 5
3. Explain the different looping statements available in Visual Basic with the help of examples. 10
4. (a) Discuss the structure of a Visual Basic program. 5
(b) How can you build a class in Visual Basic ?
Explain. 5

5. Differentiate between built-in functions and user-defined functions with the help of example. 10
6. What are the different methods of searching ? Write a program in Visual Basic to search a record from a file. 10
7. (a) Write short notes on the following : 5
(i) Module
(ii) Frames
- (b) Discuss the procedure to create objects in Visual Basic. 5
8. Write a program for developing a Paintbrush application in Visual Basic. 10
9. Discuss the procedure to create and use menus in Visual Basic with the help of example. 10
10. Write short notes on the following : 10
(a) Arrays in Visual Basic
(b) File Handling in Visual Basic
(c) Report Creation using Data Report
(d) Object Oriented Programming
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