

**DIPLOMA - VIEP - COMPUTER SCIENCE AND
ENGINEERING (DCSVI)**

Term-End Examination

00614

June, 2017

BICS-036 : VISUAL BASIC PROGRAMMING

Time : 2 hours

Maximum Marks : 70

*Note : Attempt any **seven** questions. All questions carry equal marks. Questions on programming given in the question paper shall be written in Visual Basic only.*

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1. Explain the various data types available in Visual Basic. 10
 2. Describe any five features of Visual Basic in detail. 10
 3. Write a program in Visual Basic to find the sum of 10 numbers entered by the user. 10
 4. Write a program in Visual Basic to find the sum of lengths of two given strings. 10
 5. Explain the use of the following Visual Basic controls with the help of examples : 10
 - (a) table
 - (b) textbox
 - (c) button
 - (d) checkbox

6. Write a Visual Basic program to read from a text file named "My.txt" and display its contents in a message box. 10
7. What is ActiveX control ? Explain how ActiveX controls are added to the tool box. Also explain how to create a simple ActiveX control. 10
8. What is OLE ? How are linked objects different from embedded objects ? Explain with the help of an example. 10
9. What is Recordset ? Explain uses of the following kinds of Recordset : 10
- (a) Table Recordset
 - (b) Dynaset
 - (c) Snapshots
10. (a) Explain the use of control array with the help of an example. 5
- (b) Explain the use of RGB() method in Visual Basic with the help of an example. 5
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