

**2016**

*Time : 3 hours*

*Full Marks : 100*

*Pass Marks : 40*

*Candidates are required to give their answers in their own words as far as practicable.*

*The questions are of equal value.*

*Answer any **five** questions.*

1. What is IDE ? Describe Visual Basic as a rapid application development tool.
2. Explain event driven programming techniques.
3. Explain the use of Lable and Text box with example.
4. Explain list box combo box with their uses.
5. Show the differences between Global Variable and Local Variable with example.

6. Write a program in VB to calculate and Area and Perimeter of circle by accepting radius through input.
7. What are the various data types available in VB describe with example ?
8. Explain the difference between Call by Value and Call by Reference.
9. What is File Organization ? List out differences between sequential file and random file.
10. Write short notes on any two of the following:
  - (a) Method
  - (b) Command button
  - (c) Run time error
  - (d) Active Control



**2017**

*Time : 3 hours*

*Full Marks : 100*

*Pass Marks : 40*

*Candidates are required to give their answers in their own words as far as practicable.*

*The questions are of equal value.*

*Answer any **five** questions.*

1. What do you mean by dialog box ? What are the different types of dialog boxes used in Visual Basic ? Explain the importance of common dialog control in Visual Basic.
2. What are the different looping statements in Visual Basic ? Explain with example.
3. What is an Array ? Explain static and dynamic array with example in Visual Basic.

4. What is an SDI and MDI application ? Explain with example.
5. What is control array ? Design an application for traffic light.
6. Write the purpose of the following control of visual basic :
  - (a) Timer control
  - (b) Image control
  - (c) List view control
  - (d) Drive list control
  - (e) File list control
7. What is an error ? What are the different types of error in visual basic ? Explain different types of error handling techniques in visual basic.
8. Design a Visual Basic Project :
  - (a) To calculate the factorial of a given positive integer
  - (b) To reverse a given string

VE - 7/2

(2)

Contd.

9. Explain the following :
  - (a) Project Explorer windows
  - (b) Event Driven Programming Language
  - (c) OLE
  - (d) ADO
  - (e) Package and deployment wizard
10. Differentiate between the following :
  - (a) List Box and Combo Box
  - (b) Text Box and Label Control
  - (c) Image Box and Picture Box
  - (d) Message Box and Input Box
  - (e) Call by Value and call by Reference



VE - 7/2 (600)

(3)

VKV(3) — BCA (2)

**2018**

*Time : 3 hours*

*Full Marks : 100*

*Pass Marks : 40*

*Candidates are required to give their answers in their own words as far as practicable.*

*The questions are of equal value.*

*Answer any five questions.*

1. What do you mean by event driven programming ? Compare it with object oriented programming paradigm.
2. Explain various data types used in Visual Basic. Also discuss the symbolic type declaration of variable.
3. What is Function ? How it is different from procedure ? Define a function which will accept a number and return a factorial.

4. Explain the following in brief :
  - (a) OLE
  - (b) Menu editor
  - (c) Active-X control
  - (d) RAD
5. Describe the Integrated Development Environment (IDE) of Visual Basic.
6. Write a GUI program to design simple calculator.
7. What is an Array ? Explain static and dynamic array with suitable example.
8. Explain various states of form. Also discuss various events associated with form.
9. Differentiate between the following :
  - (a) MDI and SDI
  - (b) List Box and Combo Box
  - (c) Image Box and Picture Box
  - (d) Message Box and Input Box
10. What do you mean by Clip-board commands ? Explain various clip-board commands with suitable example.



ZD - 2/2 (800)

(2) VKV(S-3) — BCA (2)