

Aryan College

Visual Basic

Unit-1

1. Why Visual Basic Programming is called event driven programming language? (2017)
2. What is IDE? Discuss the components of IDE. (2013),(2016),(2017)
3. Describe different types of operations in Visual Basic with example. (2017)
4. What do you mean by “Event Driven Programming”? How do one can make a menu popup from a command button? (2015)
5. Discuss the following: (2015)
 - a. Keyboard events
 - b. Data types in VB
 - c. ListBox and its Properties
 - d. IDE
6. Visual Basic has different type of projects. What are the usages of each type of projects? Explain with the help of suitable example. (2014)
7. Explain various data types, memory occupation in bytes and default values the variables will have upon their declaration in Visual Basic. (2013)

Unit-2

1. What are the different methods of input/output operations in Visual Basic? (2017)
2. Write short note on: (2017)
 - a. Input Box
 - b. MsgBox
3. Explain all Looping statements in VB with an example. (2016)
4. Write a program to find prime numbers from 1 to n. (2016)
5. Explain branching in VB. (2016)
6. What are merits and demerits of VB as a programming language? Explain. (2016)
7. What are Visual Basic Building Blocks? Explain different data types in VB. (2017)
8. Explain control flow statements with their flow charts. (2017)
9. What are Visual Basic Building Blocks? Explain different data types in VB. (2017)
10. Explain the various decision making and iterative statements used in Visual Basic along with suitable examples. (2013)

Unit-3

1. Write down the steps to menus using menu editor in VB. (2016)
2. Explain MDI form and SDI form. (2016)
3. Explain Differential of sub procedures and function in VB. (2016)
4. What are dynamic forms? (2017)
5. What is MDI form? Explain form event. (2017)
6. What is an Array? What are the different types of an array that are supported by VB? Also write the syntax to declare each type of array in VB. (2016)
7. What do you mean by “Array”? Discuss two dimensional Array with the help of suitable example. (2015)
8. What is an Array? Write a program to sort a one dimensional array using VB code. (2014)
9. What is an Array? What do you understand by dynamic array in Visual Basic and what are its advantages? (2013)
10. Explain the Difference between sub and function procedure definition and calling them. (2013)

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Unit-4

1. What is Intrinsic controls? Explain any five with their properties and methods. (2017)
2. Explain properties & methods of following- (2016)
 - a. Checkbox
 - b. Button
 - c. List Box
 - d. Combo Box
3. What is difference between property & visible property of menu control? Explain with example. (2017)
4. Explain graphic controls in Visual Basic with their methods. (2017)
5. Explain time control with example with its properties and methods. (2017)
6. Write a VB program to process the grades of a student along with the form design. (2016)
7. Explain various graphics controls in VB. (2016)
8. Write short on following: (2016)
 - a. Status Bar Control
 - b. Tab Strip Control
 - c. Data Report Control
 - d. Dynamic Array
9. Which property of TextBox cannot be changed at runtime? Describe in process and out of process component. (2015)
10. Explain various graphics methods available in VB to draw various images. (2015)
11. What are the options available on standard tool bar? Discuss the use of combo box, and picture box in VB. (2015)
12. Draw and develop a "Calculator" through VB programming. (2015)
13. Write short notes on: (2014)
 - a. Check box
 - b. Testing and Debugging
 - c. Branching
 - d. Keyboard events
14. Use an image control with bmp file from window. Set the stretch property to true use a scroll bar to change the size of image. (2014)
15. Write a VB code to create a form that displays a pop up menu when the right mouse button is clicked anywhere over the form. (2014)
16. Write down the difference on any two: (2014)
 - a. SDI and MDI form
 - b. Image Box and Picture Box
 - c. Data control and data aware control
 - d. Standard and class modules
17. Explain following drawing method of Visual Basic with suitable example: (2014)
 - a. Line
 - b. Circle
18. Explain any two of the following: (2014)
 - a. Form method
 - b. Border style property
 - c. Data types in VB
 - d. Manipulating colors and pixels
19. Explain the following properties (purpose, possible values, default value and controls) with which they are associated. (2013)
 - a. Multiselect
 - b. StartUpPosition
 - c. Default

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- d. MaxLength
- e. LargeChange
- 20. Describe the mouse and keyboard events in Visual Basic. (2013)
- 21. Differentiate between: (2013)
 - a. InputBox and MsgBox
 - b. PictureBox and Image
 - c. TextBox, ListBox and ComboBox
 - d. SDI and MDI applications
 - e. FileListBox, DirListBox and DriveListBox
- 22. Write complete syntax and their use of the following function in VB: (2013)
 - a. DateDiff
 - b. Cint
 - c. RGB
 - d. Len
 - e. PopUpMenu

Unit-5

- 1. Write different types of data access method in Visual Basic. (2017)
- 2. Explain the file system for visual programming in detail. (2016)
- 3. Write short note on: (2017)
 - a. Clearing a Record set
 - b. Navigation a Record set
- 4. Write methods for following with example: (2017)
 - a. Opening a data base
 - b. Finding Records
- 5. What is the difference between Generic variable and specific variable? Also, to connect the data control with back end what properties to be set? (2015)
- 6. How to create a data file in VB? Explain data access methods in brief. (2015)
- 7. Differentiate between the following: (2015)
 - a. Property get and set
 - b. RDO and ADO
 - c. SDI and MDI form
- 8. Explain in detail the use of database programming in Visual Basic with example. (2014)
- 9. What are the three different ways to access files in VB? Explain each with suitable example. (2014)
- 10. Explain any 5 database related function of Data Control. (2013)