

18. What are list box and combo boxes? Differentiate them. Illustrate them with coding to add and remove items in list and combo boxes.
19. Describe any four methods of common dialog box control.
20. With suitable example describe the first system control in VB.

NOVEMBER/DECEMBER 2019

BAIM32A — VISUAL PROGRAMMING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. State the different data types in VB.
2. List down the various controls available in VB "Tool Box".
3. Write any four properties of command button.
4. Write the syntax of Select Case control structure in VB with an example.
5. Using RND function, generate some random numbers.
6. Write the syntax of format function with an example.
7. What are the two kinds of general procedures in VB?

8. Write a recursive function in VB for calculating factorial of a number.
9. Write a short note on data grid.
10. List any four debugging tools.

SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) Write short notes on the following :

- (i) TextBox
- (ii) CheckBox
- (iii) MessageBox.

Or

- (b) Explain about the variables in VB with examples.

12. (a) List out any three string functions with syntax and example.

Or

- (b) Describe about the determinate loops with examples.

13. (a) What is a control array? Explain with example.

Or

- (b) Write a short note on Error trapping.

14. (a) Explain the steps in designing and using menus in VB.

Or

- (b) Discuss on Debugging.

15. (a) Explain the general form of the File Open Command.

Or

- (b) Explain list view common control in detail.

SECTION B — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the various form properties with illustrated examples.
17. Design a form and with their properties and coding to implement atleast 5 numeric and date and time functions.