Multiple Choice Quiz: Introduction to Visual Basic

1. What is Visual Basic primarily used for?

- A) Web development
- B) Creating Windows GUI applications
- C) Hardware programming
- D) Game development

2. What type of programming is Visual Basic known for?

- A) Object-Oriented
- B) Event-Driven
- C) Functional
- D) Procedural

3. What is the VB-IDE?

- A) A database system
- B) An environment for developing VB programs
- C) A control type
- D) A programming language

4. Which VB-IDE component is used to design the GUI?

- A) Code Window
- B) Form Designer
- C) Project Explorer
- D) Properties Window

5. What does the Toolbox in VB-IDE contain?

- A) Code templates
- B) Controls like buttons and text boxes
- C) Debugging tools
- D) Menu options

6. Which control allows users to enter text?

- A) Label
- B) TextBox
- C) CommandButton
- D) ComboBox

7. What property sets the text displayed on a CommandButton?

- A) Text
- B) Caption
- C) Value
- D) Name

8. Which event is triggered when a user clicks a CommandButton?

- A) Change

- B) Click
- C) KeyPress
- D) Load

9. What is the first step in planning a VB program?

- A) Writing code
- B) Defining requirements
- C) Testing the program
- D) Setting properties

10. What should you do before coding a VB program?

- A) Run the program
- B) Design the interface and plan events
- C) Debug errors
- D) Compile the code

11. Which VB-IDE tool is used to create menus?

- A) Form Designer
- B) Menu Editor
- C) Toolbox
- D) Code Window

12. What does the `MsgBox` function do?

- A) Prompts for user input
- B) Displays a message
- C) Creates a menu
- D) Adds a control

13. What does the `InputBox` function return?

- A) A number
- B) A string
- C) A control
- D) A menu

14. Which control displays static text?

- A) TextBox
- B) Label
- C) CommandButton
- D) CheckBox

15. What is the purpose of the Properties Window in VB-IDE?

- A) Write code
- B) Set control properties
- C) Debug programs
- D) Create menus

16. What keyword starts a VB event procedure?

- A) Function

- B) Sub
- C) Event
- D) Procedure

17. Which control allows selecting from a dropdown list?

- A) CheckBox
- B) ComboBox
- C) Label
- D) TextBox

18. What happens when you run a VB program (F5)?

- A) The code is saved
- B) The program executes
- C) The form is deleted
- D) The Toolbox opens

19. What is the purpose of pseudocode in VB planning?

- A) Debug errors
- B) Outline program logic
- C) Set control properties
- D) Create menus

20. Which statement ends a VB program when executed?

- A) Exit
- B) End
- C) Stop
- D) Close

21. What property of a CheckBox indicates if it's selected?

- A) Text
- B) Caption
- C) Value
- D) Name

22. What is used to test a VB program for errors?

- A) Menu Editor
- B) Debug Toolbar
- C) Toolbox
- D) Form Designer