



Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD (now MoE)

Re-accredited with 'A++' Grade by NAAC. CGPA 3.65/4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination – May 2025

IV Semester

Class : II UG

Major : B.Com CA

Time: 3 Hours

Max. Marks: 100

23BCCC08 Visual Basic .Net

Course Outcomes:

CO1: Define and construct the optimal code for each module.

CO2: Provide an insight to design a user interface controls.

CO3: Display the outcome through front end application.

CO4: Ability to generate report from database in visual environment.

CO5: Interpret the functions and modules for developing a program.

Part A

10 x 1 = 10

Choose the Correct Answer

1. Which Data Type of VB. Net Storage size is 2 bytes and value range is True or False. CO1K1
 a. Boolean b. Strings c. Arrays d. Operators
2. Mention the multiplication operator and Division Operator. CO1K1
 a. /, - b. *, / c. +, = d. *, +
3. Which of the following keeps executing its enclosed statements while or until (depending on which keyword you use, While or Until) condition is true ? CO2K2
 a. for b. while c. Do loop d. variables
4. To convert Decimal number to other bases, the VB data conversion function is ____ CO2K2
 a. Oct, binary b. Hex, Decimal c. Decimal, Binary d. Hex, Oct.
5. In VB. NET, which can be used to add controls to a form ? CO3K3
 a. tool box b. list box c. rich text box d. Labels.
6. Which control does everything the Text Box Control does but in addition, it can display fonts, colours, and links ? CO3K3
 a. list box b. Rich Text Box c. combo boxes d. scroll bar
7. The relationship between ____ is much like the relationship between cookie cutters and cookies you use the cookie cutter to create new cookies. CO4K4
 a. Arrays and Springs b. Operators and Statements
 c. Classes and Objects d. Variables and Constants
8. Which of the following in Visual Basic is the process of finding and fixing errors in your code? CO4K4
 a. Tracing b. Objects c. Statements d. Debugging
9. ADO stands for _____. CO5K5
 a. Active X Data Objects b. Active Data Operator
 c. Admin Determine Office d. Always Determine Objects
10. To display the Server Explorer if it is not already visible, use the View / Server Explorer menu item, or press _____. CO5K5
 a. Alt+Ctrl+S b. Ctrl+Alt+S c. Ctrl+S+Alt d. None of these

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. To build VB. NET Applications, What are the requirements to create a new structure for applications? CO1K2
(or)
- 11.b. You need to store some data in your program – so you need to declare some variables. How does that work? CO1K3
- 12.a. What are the conversion functions available in converting between data types? CO2K2
(or)
- 12.b. What are String – handling functions? CO2K2
- 13.a. How to handle mouse and keyboard events? CO3K3
(or)
- 13.b. What are the Visual Basic properties? CO3K3
- 14.a. List out the benefits of Object – Oriented Programming. CO4K2
(or)
- 14.b. What is debugging and tracing in VB Net? Explain them. CO4K3
- 15.a. What is Accessing Data with the Server Exploit? CO5K3
(or)
- 15.b. How to generate a Crystal Report using the report viewer. CO5K3

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Describe the changes in the Visual Basic Language. CO1K3
(or)
- 16.b. Explain the Data Types in Visual Basic. Net? CO1K3
- 17.a. How can you making Divisions with If..... Else Statements?
How this statement works? CO2K3
(or)
- 17.b. Write your understandings about using the Do Loop, using the For Loop, using the While Loop Statements CO2K3
- 18.a. Discuss about common controls in Windows Applications. CO3K4
(or)
- 18.b. What are the differences between SDI and MDI Forms? CO3K3
- 19.a. How do you create and use classes and objects in OOP? CO4K4
(or)
- 19.b. Explain raising an exceptions and throwing an exception with examples in VB. Net. CO4K4
- 20.a. Describe the overview of ADO. NET objects. CO5K5
(or)
- 20.b. How Data adapter and Data set works with OLEDB and SQCDB? CO5K5