



Avinashilingam Institute for Home Science and Higher Education for Women

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

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

Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test II - April 2025

IV-Semester

Class : II UG

Major: B.Com(CA)

Time: 2 hours

Max.Marks: 60

23BCCC08 Visual Basic .Net

- 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

Answer all the questions

6 x 1 = 6

1. In an MDI application, which control is used as the parent container? **CO3:K2**
a. Panel b. Form c. MDIParent d. MDIContainer
2. What method is used to close a form? **CO3:K2**
a. this.Dispose(); b. this.Quit(); c. this.Close(); d. this.Terminate();
3. What is the main purpose of object-oriented programming? **CO4:K1**
a) To use global variables efficiently b) To increase execution speed
c) To use structured and reusable code d) To make programming harder
4. What is the default access modifier for a class member if no modifier is specified? **CO4:K2**
a) public b) private c) protected d) internal
5. What does ADO.NET stand for? **CO5:K2**
a) Advanced Data Objects for .NET b) ActiveX Data Objects for .NET
c) Application Data Objects for .NET d) Abstract Data Objects for .NET
6. What is the purpose of Crystal Reports in .NET applications? **CO5:K1**
a) Display animations b) Generate reports from database data
c) Improve UI design d) Create SQL queries

Part B

(3x6=18)

Answer the following question

7. a. Describe the steps to add controls to a Windows Form and set their properties. **CO3:K3**
(Or)
7. b. Describe the purpose of the following controls: Button, radio buttons, labels, CheckedListBox and group boxes **CO3:K2**
8. a. Differentiate between throw and throws in exception handling. **CO4:K3**
(Or)
8. b. Discuss the purpose of debugging and tracing? How do they help in application development? **CO4:K3**
9. a. What is the difference between connected and disconnected data access in ADO.NET? **CO5:K4**
(Or)
9. b. Explain How do you bind data to a DataGridView control in a Windows Forms application? Provide an example. **CO5:K3**

Part C

(3x12=36)

Answer the following question

10. a. Describe the steps involved in working with multiple forms in a Windows Forms application. How do you set the startup form? **CO3:K4**
(Or)
10. b. Explain the concept of event-driven programming in Windows Forms. How do you attach event handlers to controls? Provide an example. **CO3:K4**
11. A. Explain the four pillars of object-oriented programming with examples. **CO4:K4**
(Or)
11. b. Describe the difference between OLEDB and SQLDB in ADO.NET? Explain with examples of when to use each. **CO4:K5**
12. a. Explain the step-by-step process of generating a report using Crystal Report Viewer in a Windows Forms application. **CO5:K4**
(Or)
12. b. Explain the purpose and working of CheckedListBox and ListBox controls in Windows Forms. Illustrate their differences with examples. **CO5:K5**

Number of Copies: 65+65

Staff in Charge: Dr.O.Mathuthra