

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	List any seven advantages of using Windows Forms in Visual Basic .NET.	K1	CO1
		(OR)		
	11.b.	State seven steps involved in starting a new Windows Forms project in Visual Basic .NET.		
2	12.a.	Demonstrate, with an example, how to use Message Box. Show() to display a warning message in a VB.NET application.	K2	CO2
		(OR)		
	12.b.	Classify different form controls (Labels, TextBoxes, RadioButtons, Buttons) based on whether they are input, output, or selection controls		
3	13.a.	Apply the concept of event-driven programming to create a VB.NET program where clicking a Button displays the total number of items selected in a CheckedListBox.	K3	CO3
		(OR)		
	13.b.	Determine the difference in usage between a ComboBox and a ListBox by developing a form that uses both controls to display a list of subjects and selected subject details.		
4	14.a.	Ascertain the steps to construct a ToolBar with at least three buttons (New, Save, Exit) in a Windows Forms application.	K3	CO4
		(OR)		
	14.b.	Apply the ColorDialog control in a form where a user selects a background color for a TextBox.		
5	15.a.	Evaluate the process of generating a typed DataSet using Visual Studio.	K4	CO5
		(OR)		
	15.b.	Compare and contrast the roles of DataReader, DataAdapter, and DataSet in ADO.NET.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Write a short note on the following (2 marks each = 10): <ul style="list-style-type: none"> ○ CLR ○ Solution ○ Project ○ Code Editor ○ Windows Form 	K1	CO1
2	17	Outline the process of creating a Windows Form application that accepts a user's name in a TextBox and displays it in a MessageBox when a Button is clicked.	K2	CO2
3	18	Plan and build a Windows Form application that uses For... Next loops to add numbers 1–10 into a ListBox and highlights all even numbers.	K3	CO3
4	19	Plan and build a VB.NET program with a ToolBar that contains image-based buttons (e.g., Cut, Copy, Paste). Display a MessageBox showing which action is chosen when each button is clicked.	K3	CO4
5	20	Examine the role of the four DataAdapter commands (Select, Insert, Update, Delete) in synchronizing a DataSet with the database.	K4	CO5