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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)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I - August 2025
V Semester

Class: 2019 & 2022 (BCA Repeaters)
Major: Computer Applications

Time: 2 Hrs
Max.Marks:60

18BCAC23/21BCAC23 Programming in .NET

Course Outcomes:

1. Knowledge of major elements of the .NET framework.
2. Ability to analyse the basic structure of a VB.NET application.
3. Programming skills using VB on .NET.
4. Design and develop Web based applications on .NET.
5. Capable of integrating webpages using ADO.NET

Part A

Choose the correct answer

6x1=6

1. Which property is used to navigate through keyboard? CO2 K2
a. Tabstart b. Tabstop c. Keyval d. Tabindex
2. Which among the following is not a main component of the Visual Studio IDE? CO2 K1
a. Start Menu b. Tool Box c. Solution Explorer d. Designer Window
3. To Which control is the property Minvalue is related to? CO2 K1
a. Textbox b. Image c. Listbox d. Trackbar
4. What will be the output of the following Visual Basic code? CO3 K3
Dim x as String = "5" + "5" Console.WriteLine(x)
a. Error b. 55 c. 10 d. Undefined
5. The default access modifier for user defined procedure is CO3 K2
a. ByRef b. Byval c. Default d. Friend
6. Pick a valid statement about the name and text property CO3 K3
a. Text property changes to match any changes in the name property
b. Both are the same when the control is first created
c. They are never the same unless the programmer changes
d. Name property changes to match any changes in the text property

Part B

Answer all questions

3x6=18

7. a. List the features of .NET Framework and explain. CO1 K3
(Or)
7. b. Demonstrate the purpose of event driven programming with examples. CO1 K2
8. a. Differentiate between Procedures and functions with a simple program. CO2 K2
(Or)
8. b. Write about common dialog controls. CO3 K3
9. a. Elucidate Windows Common controls with their features. CO3 K1
(Or)
9. b. Demonstrate user dialogs InputBox and MsgBox with its syntax and example. CO3 K1

Part C

Answer all questions

3x12 = 36

10. a. Explain in detail about architecture and components of .NET Framework. CO1 K5
(Or)
10. b. Describe in detail about the Visual Studio.NET IDE. CO2 K5
11. a. Explain the usage of various control statements with an example. CO3 K4
(Or)
11. b. List and explain 10 different string functions with suitable example. CO3 K5
12. a. i) List and explain the Form Properties, Methods and Events. CO3 K5
ii) Design an application using forms to calculate total and average of a student.
(Or)
12. b. Illustrate keyboard and mouse events in detail. CO3 K3
