

Mulleruk.



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 2024
Semester V

Class: III UG
Major: Computer Applications

Time: 2 Hrs
Max.Marks:60

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
Answer all questions

6x1=6 Marks

1. Which is not a property of the Common control class?
a. Show b. Backcolor c. Font d. Forecolor CO1 K2
2. The property that determines whether a control is displayed to the user is
a. Hide b. Show c. Visible d. Enabled CO1 K1
3. When a parameter in a procedure is declared as ByVal then
a. Only arguments of numeric data types are allowed.
b. A reference to the argument is sent to the procedure.
c. A copy of the argument is sent to the procedure.
d. Only a single argument is sent to the procedure. CO2 K1
4. What property of controls tells the order they receive the focus during run time?
a. Focus index b. Tab order c. Tab index d. Focus order CO2 K2
5. Visual Basic responds to events using
a. a code procedure b. an event procedure c. a form procedure d. a property CO3 K2
6. Which is not a valid Exit statement?
a. Exit Do b. Exit For c. Exit Select d. Exit Form CO3K1

Part B
Answer all questions
Answer should not exceed 400 words

3x6=18 Marks

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|---|--------|
| 7. a. Explain the features of .NET Framework.
(OR) | CO1 K2 |
| 7. b. Compare structured programming and event driven programming. | CO1 K3 |
| 8. a. Give the syntax for Procedures and functions in vb.net.
(OR) | CO2K2 |
| 8. b. Write about any three basic windows control. | CO3K3 |
| 9. a Explain the following
i) Optional argument ii) ByVal iii) ByRef
(OR) | CO3K3 |
| 9. b. Illustrate keyboard events in detail. | CO3 K2 |

Part C
Answer all questions 3x12 = 36 Marks
(Answer should not exceed 800 words)

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|---|--------|
| 10. a. Explain the architecture and Components of .NET Framework.
(OR) | CO1 K2 |
| 10. b. Describe in detail about Visual Studio.NET IDE. | CO2 K2 |
| 11. a. Explain the usage of various control statements with an example.
(OR) | CO3K3 |
| 11. b. Demonstrate any 6 string functions with its syntax and give example. | CO3K4 |
| 12. a. i) List and explain any 2 Form Properties, Methods and Events.
ii) Design an application using forms to calculate total and average of a student.
(OR) | CO3 K4 |
| 12. b. Demonstrate user dialogs InputBox and MsgBox with its syntax and example. | CO3 K3 |

Staff In-charge : Dr.S.Anitha
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