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Candidate's Seat No : _____

B.Sc. Sem.-3 Examination

CC 202

Computer Science

December 2021

Time : 2-00 Hours]

[Max. Marks : 50

Instructions: All Questions in SECTION I carry equal marks.
Attempt any THREE questions in SECTION I
Question 9 in SECTION II is COMPULSORY

SECTION I

- Q-1 Write the following.
- (A) Draw and explain .NET Framework architecture. (07)
- (B) Draw and explain various component of CLR. (07)
- Q-2 Write the following.
- (A) What is CLS? Explain its Significance in .NET (07)
- (B) Discuss Common Language Implementation (07)
- Q-3 Write the following.
- (A) What is Console Application? Write a sample console application for input and output of data. (07)
- (B) What is event? Explain various important .NET Events (07)
- Q-4 Write the following.
- (A) Explain various dialog boxes in VB.NET with example. (07)
- (B) Write notes on following. I. Master pages ii. Themes, Skin and CSS (07)
- Q-5 Write the following.
- (A) Explain overloading in VB.NET with example. (07)
- (B) Explain inheritance in VB.NET by example. (07)
- Q-6 Write the following.
- (A) Compare ADO.NET with classic ADO (07)
- (B) Explain about syntax of various validation controls (07)

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Q-7 Write the following. (07)
(A) Explain all designing component in detail. (07)

(B) Explain Garbage Collection. (07)

Q-8 Write the following.

(A) Explain following keywords. Namespace, Class, Dim, Nothing, Module (07)

(B) What is Name space? Explain with example. (07)

SECTION II

Q-9 MCQ (08)

(1) Which language is not a true object-oriented programming language?
A)VB 6 (B)VB.NET (C)JAVA (D)C++

(2) A GUI
A) uses buttons, menus, and icons
B) should be easy for a user to manipulate
C)both (a) and (b)
D)stands for Graphic Use Interaction

(3) Visual Studio .NET provides which feature:
A)debugging B)application deployment
C)syntax checking D)All of the above

(4) What does IDE stand for?
A)Integrated Design Environment
B)Integrated Development Environment
C)Interior Design Environment
D)Interior Development Environment

(5) Which is not a main component of the Visual Studio IDE?
(A)start menu (B)Tool box (C)designer window (D)Solution Explorer

(6) Which does the solution explorer not display?
A)Form Properties B)Reference Folder C)Form File D)Assemble File

(7) Which are the standard prefixes for the Button and Combo box controls respectively?
A)btn and cbo (B)btn and chb (C)btn and cbo (D)btn and chb

(8) Which are the standard prefixes for the text box and label controls respectively?
A)txb and lbl (B)txb and lab (C)tex and lbl (D)tex and lab