

SEAT No. _____

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SARDAR PATEL UNIVERSITY

B.Sc. Examination, SEMESTER – V : December - 2020

COMPUTER SCIENCE

US05CCSC03: Visual Programming Through VB .Net

Monday, 28th December, 2020

Time : 02:00pm to 04:00pm

Total Marks : 70

Q.1 Multiple choice of Question:

[10]

1. Full Form of CLS _____.
 - a) Common Language System
 - b) Computer LAN System
 - c) Common Language Specification
 - d) Computer LAN Software
2. The JIT is one type of _____.
 - a) hardware
 - b) time
 - c) compiler
 - d) Measurement Unit
3. What is CLR?
 - a) Clean Run
 - b) Common Language Runtime
 - c) Clean Object Language Runtime
 - d) Class Language Runtime
4. SDI stands for _____.
 - a) Standard Document Interface
 - b) Sigle Document Interface
 - c) Standard Document Integrated
 - d) None of these
5. MDI stands for _____.
 - a) Multiple Document Interface
 - b) Multi Device Interface
 - c) Multiple Document Integrated
 - d) None of these
6. To come out from any loop _____ statement is used.
 - a) Break
 - b) Exit
 - c) Goto
 - d) continue
7. _____ statement enables exception handling.
 - a) Option explicit
 - b) Option strict
 - c) On Error Goto
 - d) None
8. Which control support hyperlinks?
 - a) label
 - b) Timer
 - c) Scrollbars
 - d) Linklabel
9. _____ is disconnected, in-memory representation of data.
 - a) DataReader
 - b) DataSet
 - c) DataAdapter
 - d) DataCommand
10. What is the major component of connected data architecture?
 - a) DataReader
 - b) DataSet
 - c) DataAdapter
 - d) DataCommand

Q.2 Fill in the blank or True / False.

[08]

1. _____ statement is used to declare variable in vb.net.
2. VB.Net is Called as _____ Programming Language
3. In VB .NET to transfer control immediately to the next iteration of a loop _____ statement is used.
4. _____ times the test expression of a Select Case evaluated?
5. Passwordchar property can not be used with multiline property of textbox [True / False]
6. ZoomDialog is not a standard dialog box. [True / False]
7. Fill method is used to populate DataSet. [True / False]
8. ExecuteReader method returns result set by way of DataReader object. [True / False]

[1]

(P.T.O.)

Q.3 Answer the following questions in short (Any 10) :

[20]

1. List the parts of IDE.
2. Write short note on MSIL.
3. What is variable?
4. Differentiate: MessageBox – Inputbox
5. Define Event and Method.
6. Differentiate: Procedure and Function.
7. Differentiate between Add Watch and Quick watch
8. Explain use of Groupbox.
9. What do you mean by debugging?
10. Explain System.Data namespace.
11. Explain System.Data.OleDb namespace.
12. Explain System.Data.SqlTypes namespace.

Q.4 Answer the following questions in LONG (Any 4):

[32]

1. State and explain the Datatype of VB.Net.
2. Explain .NET Architecture.
3. What is procedure? How the procedures are declared? Explain the ways of passing arguments with example. What is the use of 'By Val' & 'By Ref' keyword?
4. Explain For ... Next and While ... Wend in detail.
5. Explain Treeview and RichTextBox.
6. Explain Combobox and Timer.
7. What are the four common SQL commands used to retrieve and modify data in a SQL Database? Also explain each of them.
8. Explain major ADO .net objects.

————— X —————

[2]