

[42]

SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY

B.SC. (BNF) Examination October/November - 2018 - V SEM

US05CBNF01 : Visual Programming

Date: 22/10/2018, Monday

Time: 10:00 to 01:00 PM

Total Marks : 70

- Q.1 Multiple choice questions: [10]
1. The JIT is one type of _____.

A. Hardware	B. Time
C. Measurement Unit	D. Compiler
 2. What is Namespace?

A. Collection of Files	B. Package
C. Framework	D. Collection of Methods
 3. Which Window Provides the List of the various object's characteristics in VB

A. Solution Explorer	B. Class View Window
C. Server Explorer	D. Properties Window
 4. _____ loop execute at least once.

A. while loop	B. do...while
C. if	D. For
 5. In procedure when arguments are passed _____ then procedure can modify the underlying variables in calling code.

A. ByRef	B. ByVal
C. ByDefault	D. None of these
 6. _____ is default event for form

A. click	B. DbClick	C. Load	D. keypress
----------	------------	---------	-------------
 7. Which event is activated when a RadioButton is selected?

A. Checked	B. CheckedChanged
C. Selected	D. SelectedChanged
 8. Which control display hierarchy of nodes .

A. label	B. Timer	C. Scrollbars	D. Treeview
----------	----------	---------------	-------------
 9. For insert, update, and delete SQL commands, _____ method is used.

A. ExecuteDataReader	B. ExecuteScalar
C. ExecuteNonQuery	D. ExecuteReader
 10. Which namespace defines the interfaces implemented by a .NET Data Provider?

A. System.Data	B. System.Data.OleDb and System.Data.SqlClient
C. c. System.Data.SqlTypes	D. d. System.Data.Provider.

- Q.2 Write a short answer of any ten. [20]
1. Define Boxing and Unboxing.
 2. Differentiate variable and constant.
 3. What is JIT?
 4. Differentiate between : MessageBox – Inputbox
 5. What is procedure? How it is created in VB .NET?
 6. Explain Show method of Windows Form.
 7. Explain the use of Menu.
 8. Explain use of Timer.
 9. What do you mean by debugging?
 10. Explain DataGridView control.
 11. What is difference between DataSet and DataReader?
 12. What is connection string? Explain in brief.
- Q.3(A) Explain .NET Architecture. [5]
- Q.3(B) Write a short note on Solution Explorer and property window [5]
- OR
- Q.3(A) What is an Array? Explain array declaration in VB.NET with example [5]
- Q.3(B) Write a short note on IDE. [5]
- Q.4(A) Explain Modules in detail. [4]
- Q.4(B) What is MDI? What is SDI? Write down the features of MDI. Also write down the difference between MDI & SDI. [6]
- OR
- Q.4(A) Explain declaration of function in detail with example. [4]
- Q.4(B) Explain looping statements. [6]
- Q.5 Explain different types of error handling. Also explain try.... Catch ... final in detail with example. [10]
- OR
- Q.5 Explain following controls with its properties, methods and events [10]
Button, Textbox, Checkbox, Listbox, LinkLabel
- Q.6(A) Explain the connected architecture of ADO.NET in brief. [5]
- Q.6(B) Explain the step, how can we retrieve data in DataSet? [5]
- OR
- Q.6(A) Describe the disconnected architecture of ADO.NET's data access model. [5]
- Q.6(B) Explain use of "ExecuteScaler" , "ExecuteNonQuery" and "ExecuteReader" method in detail. [5]