

[A-36]

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SARDAR PATEL UNIVERSITY
External Examination
M.Sc. I.T. (Integrated) – Fourth Semester
PS04CIT03: Visual Programming Through VB.NET
28th April, 2015

Time: 10.30 am to 1.30 pm

Max. Marks – 70

Q1. Multiple Choice Questions.

[10]

1. Visual Basic projects helps you to can create _____
(A) Circuit (B) Windows Application
(C) Both A and B (D) None of above
2. CLR stands for _____
(A) Common Language Runtime (B) Create Run Language
(C) Class Language Runtime (D) All of above
3. i In VB .NET, input box returns _____ type of data.
(A) Integer (B) Double
(C) String (D) A Function
4. In For loop, the default value of step is _____
(A) 2 (B) 3
(C) 1 (D) 0
5. _____ loop execute at least once.
(A) While (B) for
(C) Do While (D) for each
6. Which symbol creates an access key in the text of a menu item?
(A) @ (B) &
(C) # (D) None of these
7. The Tick event is only associated with which object?
(A) Timer (B) Form
(C) Label (D) Button
8. i Which control support hyperlinks?
(A) Label (B) Timer
(C) LinkLabel (D) None of these
9. For insert, update, and delete SQL commands, _____ method is used.
(A) ExecuteReader() (B) ExecuteScalar()
(C) ExecuteNonQuery() (D) All of the above
10. _____ is disconnected, in-memory representation of data.
(A) DataReader (B) DataSet
(C) DataAdapter (D) None of these

Q.2 Short answer (Attempt any ten questions) [20]

- 1) What is CLS?
- 2) List the types of project.
- 3) What is JIT?
- 4) Write a difference between Procedure and Function.
- 5) What is the use of 'By Val' & 'By Ref' keyword?
- 6) What is MDI form? Which property is used to make form as a MDI parent form?
- 7) Differentiate between radio button and checkbox.
- 8) Explain use of Timer.
- 9) What is the use of GroupBox?
- 10) What is the use of the Connection object?
- 11) Explain the use of server explorer in data access in .net.
- 12) What are the features of ADO.Net?

Q-3 [A] Explain .NET Architecture in detail. [10]

OR

Q-3 [A] Write a detail note on IDE. [10]

Q-4 [A] What is SDI? Write down the features of MDI. Also write down the difference between MDI & SDI. [06]

[B] Explain Message box with example. [04]

OR

Q-4 [A] Explain Modules in detail. [06]

[B] Explain declaration of function in detail with example. [04]

Q.5 [A] Explain try.... Catch ... final in detail with example [06]

[B] Write a note on HScrollBar and VScrollBar.. [04]

OR

Q.5 [A] Explain following controls with its properties, methods and events. [06]

a) ColorDialogBox

b) FontDialogbox

c) Radio Button

[B] Explain following controls with its properties, methods and events. [04]

a) Treeview

b) PictureBox

Q-6 [A] Describe the disconnected architecture of ADO.NET's data access model. [06]

[B] Explain how to retrieve data in DataSet? [04]

OR

[A] Explain use of "ExecuteScaler", "ExecuteNonQuery" and "ExecuteReader" methods in detail. [06]

[B] Explain the steps to bind the application with the Database in ADO .net. [04]

