

SEAT No. _____

No. of Printed Pages: 2

SARDAR PATEL UNIVERSITY
M.Sc. (Information Technology)
II Semester Examination (April -2018)
PS02CINT23 (Visual Programming)

Date: 13/04/2018

Marks: 70

Time: 10:00 A.M. To 1:00 P.M.

Notes: Draw Diagrams where it is necessary.

Figure to the right indicate full marks.

Q-1 Answer The Following Multiple Choice Questions. [8]

- 1 _____ Classes can never be inherited.
A. Public B. Base
C. Derived D. Sealed
- 2 The full form of CTS is _____.
A. Common Type System B. Control Type System
C. Both A and B D. None of these
- 3 In OOP deriving a new class from an old class is called an _____.
A. Abstraction B. Encapsulation
C. Inheritance D. None of these
- 4 Default namespace in C# is _____.
A. Data B. Sqlclient
C. System D. Application
- 5 Which is not a common dialog box?
A. ColorDialog B. SaveDialog
C. FontDialog D. ZoomDialog
- 6 A _____ control provides a round interface to select one option from a number of options.
A. RadioButton B. Masked Textbox
C. TextBox D. None of these
- 7 _____ method is used to retrieve rows from a data source.
A. ExecuteReader() B. ExecuteScalar()
C. ExecuteNonQuery() D. None of these
- 8 LINQ stands for _____.
A. Language Integrated Query B. Low Integrated Query
C. LINE QUERY D. None of these

Q-2 Answer The Following Questions. [Any Seven] [14]

- 1 Define JIT in .net Framework.
- 2 List functionality of CLR.
- 3 What is interface in C#?
- 4 Define Boxing with example.
- 5 What is delegate? List out types of delegate.
- 6 Give name of any two container controls of windows application.
- 7 Write difference Between MDI and SDI.
- 8 What is use of ExecuteNonQuery() function in ADO.net ?
- 9 Define ADO.net? List any two benefits of ADO.net

P.T.O.

Q-3 A Explain dot net framework architecture in detail with its diagram. [6]

Q-3 B What is assembly? List and Explain various types of assembly in C#. [6]

OR

Q-3 B What is an array? Which are various types of an array supported in C#.net? Explain any one types of array with suitable example. [6]

Q-4 A List and explain data types supported by C#.net. [6]

Q-4 B What are pre-processor directives? List out C#.net pre-processor directives and explain any one pre processor directives. [6]

OR

Q-4 B What is a dialog box? List out common dialogs box of windows application and explain any one dialog box with suitable example. [6]

Q-5 A Explain any three standard controls of windows application with its property, event and methods. [6]

Q-5 B What is Listbox control? Write a difference between ListBox control and ComboBox control of windows application. [6]

OR

Q-5 B Write a difference between connected architecture and disconnected architecture of ADO.net. [6]

Q-6 A Draw and Explain ADO.Net architecture in detail. [6]

Q-6 B What is LINQ? Explain LINQ in brief. [6]

OR

Q-6 B Explain DataReader and DataAdapter components of ADO.net [6]

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