[57 / A-68]

SARDAR PATEL UNIVERSITY
M.Sc. (Information Technology) Semester-II
External Examination - 2016
PS02CINT03 - VISUAL PROGRAMMING
Date: 06/04/2016 (Wednesday)

Time:10:30A.M to 01:30 P.M　　　　　　　　　　　　　　　　　　　　　　Marks :70

Q-1 Answer the following Multiple Choice questions. [8]

1. A Class that cannot be inherited is what type of class?
   - (a) Sealed
   - (b) Gather
   - (c) Static
   - (d) Const

2. Which property is used to make the form MDI child?
   - (a) MdiChild
   - (b) MdiChildren
   - (c) MdiParent
   - (d) None

3. Which of the following are the Collections in C#?
   - (a) List
   - (b) Dictionary
   - (c) Hash Table
   - (d) All of these

4. Which method you invoke on SqlDataAdapter object to load Your database with data?
   - (a) Update
   - (b) Gather
   - (c) Fill
   - (d) Load

5. Default namespace in C# is _____.
   - (a) Data
   - (b) IO
   - (c) SYSTEM
   - (d) application

6. _____ is used to convert MSIL into Native Code.
   - (a) CLR
   - (b) CTS
   - (c) CLS
   - (d) BCL

7. _____keyword is used to call overriding member of base class.
   - (a) Sealed
   - (b) base
   - (c) implements
   - (d) None

8. _____ Property is used to determine whether a thread is Background or a Foreground thread?
   - (a) Thread.IsBackground
   - (b) Thread.IsThreadPool
   - (c) Thread.IsAlive
   - (d) None

Q-2 Answer the following Questions (Any seven) [14]

1. What is MSIL?

2. Explain Boxing and Unboxing with example.

3. Differentiate between ValueType and ReferenceType.

4. Explain delegate with example.

5. Write a short note on User Control in brief.

6. Differentiate between Class and Structure.

7. Explain different ways to use style in WPF.

8. Explain Jagged Array with example.

9. Define Thread. List and explain different thread states in detail.

Q-3 (A) Explain .Net Framework architecture in detail. [6]

(B) What is Assembly? List and explain different types of assembly in C#. [6]

OR

(B) Explain various access specifier in detail. [6]

Q-4 (A) Discuss various inheritance supported by C# Language. [6]

(B) What is use of Pre-processor directives? Explain #line, #Error and #Warning pre-processor directive. [6]

OR

(B) Define Polymorphism. Explain method Overloading in C# with example. [6]

Q-5 (A) Define Thread. List the name of priorities of Thread. How to assign priorities to different Thread? Explain with example. [6]

(B) Explain .net Remoting in detail. [6]

OR

(C) Explain following controls with Methods, Events and Properties. [6]
[1] ListBox   [2] DateTimePicker

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

(B) List the various layouts of WPF application. Explain any two in detail. [6]

OR

(B) Write a short note on "Data Binding" in XAML. [6]

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