[44]

SARDAR PATEL UNIVERSITY
M.SC (Mobile Technology and Applications)
Semester- I External Examination
PS01CMTA04: VISUAL PROGRAMMING

Date:24/10/2016
Time:10:00 am to 1:00 pm   Maximum Marks :70

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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   (c) Thread.IsAlive
    (b) Thread.IsThreadPool   (d) None

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

I.   What is CLR?

II.   Differentiate between DataSet and Datareader.

III.   Explain Jagged array with an example.

IV.   Explain sealed class with example.

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

VI.   Differentiate between Class and Structure.

VII.   Explain for each loop with an example.

VIII.   Differentiate Value Type and Reference Type.

IX.   Define Thread, Process.

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) Discuss various inheritance supported by C# language.   [6]

Q-4 (A) What is use of Pre-processor directives? Explain #line, #Error and   [6]
         #Warning pre-processor directive.

(B) Explain polymorphism with example.   [6]

OR

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

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

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

OR

(B) Define XAML. Write a note on Style and Shapes in WPF.   [6]

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

(B) List and explain any three standard controls with properties and events.   [6]

OR

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

~*~*~*~*~* BEST OF LUCK ~*~*~*~*~*