**PRN292\_FinalTest**

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| **Question #1**(1 point) | |
| Which of following extension does a Web service file will have? | |
|  | asmx |
|  | aspx |
|  | ascx |
|  | resx |

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| **Question #2**(1 point) | |
| Can we create a custom Windows Forms control in C#? | |
|  | Yes |
|  | No |

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| **Question #3**(1 point) | |
| Responsibilities of CLR are compiling source codes into an assembly and loading the type into memory. | |
|  | No, responsibilities of CLR are loading the type into memory and compiling CIL into platform-specific instruction. |
|  | Yes |
|  | No, responsibilities of CLR are compiling source codes into an assembly and executing the code. |
|  | No, responsibilities of CLR are compiling source codes into an assembly and resolving the location of an assembly. |

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| **Question #4**(1 point) | |
| Look at the following statements:   (A) A given class (or structure) may define only a single static constructor   (B) A static constructor executes exactly one time, regardless of how many objects of the type are  Created   (C) A given class (or structure) may define many static constructors | |
|  | (A) and (B) are true |
|  | (B) and (C) are true |
|  | (A) and (C) are true |
|  | (A) and (B) and (C) are true |

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| **Question #5**(1 point) | |
| Which of the following classes can be used to read/write textual information from/to a block in memory? | |
|  | StringReader/StringWriter |
|  | StreamReader/StreamWriter |
|  | BinaryReader/BinaryWriter |
|  | File |

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| **Question #6**(1 point) | |
| What is term for conversion from a value type to an object? | |
|  | Unboxing |
|  | Boxing |
|  | Implicit conversion. |
|  | Explicit conversion. |

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| **Question #7**(1 point) | |
| What is output of the following code?   class Person  {  private string name;  public Person(string personName)  {this.name = personName;}  public virtual void Display()  {System.Console.WriteLine("Hello, {0}", this.name);}  }  class Staff : Person  {  private string name;  public Staff(string staffName)  {this.name = staffName;}  public new void Display()  {  base.Display();  System.Console.WriteLine("Hello, {0}", this.name);  }  }  class MainProgram  {  static void Main()  {  Staff s1 = new Staff("Nguyen Van A");  s1.Display();  }  } | |
|  | Hello, Hello, Nguyen Van A |
|  | Hello |
|  | Hello, Nguyen Van A |
|  | Compile error |

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| **Question #8**(1 point) | |
| Which sentence about web services is correct? | |
|  | Web services allow invoking methods and properties of a remote object using standard HTTP request. |
|  | Web services can be written in C# only. |
|  | Web services can be run on Windows systems only. |
|  | Programs that are written in Java cannot use the web service which is created by a .NET language. |

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| **Question #9**(1 point) | |
| How many interfaces a class can implement? | |
|  | Many. |
|  | Only one. |
|  | A class cannot implement any interfaces. |

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| **Question #10**(1 point) | |
| The Mask property of MaskedTextBox specifies or retrieves the characters to be used as a mask. | |
|  | TRUE |
|  | FALSE |

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| **Question #11**(1 point) | |
| .NET Framework has two main components, are | |
|  | Common Language Runtime and .NET Framework class library |
|  | .NET Framework class library and ADO.NET |
|  | Common Language Runtime and ADO.NET |
|  | Common Language Runtime and Windows Forms Application |

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| **Question #12**(1 point) | |
| Assume you wish to build a Web page to show list of products in database. What is the most suitable method for this task? | |
|  | Use Server-Side scripting |
|  | Use Client-Side scripting |
|  | Use HTML |
|  | Use XML |

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| **Question #13**(1 point) | |
| What is state of a thread after creating a Thread object? | |
|  | Unstarted |
|  | Started |
|  | Running |
|  | Stopped |

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| **Question #14**(1 point) | |
| What is output of the following code?   using System;  class Human  {  public Human()  {  Console.WriteLine("Constructor of Human class");  }  }  class Student : Human  {  public Student()  {  Console.WriteLine("Constructor of Student class");  }  }  class Program  {  static void Main()  {  Student s = new Student();  }  } | |
|  | Constructor of Human class Constructor of Student class |
|  | Constructor of Human class |
|  | Constructor of Student class |
|  | Compile error |

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| **Question #15**(1 point) | |
| Which access modifier marks a member as accessible only by the class or any derived classes? | |
|  | Protected |
|  | Internal |
|  | Private |
|  | Public |

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| **Question #16**(1 point) | |
| Which event we can place code in which to initialize variables once during session start? | |
|  | Session\_Start |
|  | Session\_End |
|  | Application\_Start |
|  | Application\_End |

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| **Question #17**(1 point) | |
| What is different between namespaces and assemblies? | |
|  | Namespaces are logic entities, but assemblies are physical mechanism. |
|  | Namespaces are physical mechanism, but assemblies are logic entities. |
|  | A namespace can contain only one class, but many classes can reside in an assembly. |
|  | A namespace can contain many classes, but an assembly can include only one class. |

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| **Question #18**(1 point) | |
| Which type in C# is a kind of value-based types? | |
|  | Enumeration |
|  | Class |
|  | Delegate |
|  | Interface |

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| **Question #19**(1 point) | |
| Which element of a .NET assembly defines numerous flags that enable the runtime to understand the layout of the managed file? | |
|  | A Win32 file header |
|  | A CLR file header |
|  | CIL code |
|  | Type metadata |

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| **Question #20**(1 point) | |
| Can a namespace be resided into many assemblies? | |
|  | Yes |
|  | No |

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| **Question #21**(1 point) | |
| Which control is used to display text only? | |
|  | Label |
|  | TextBox |
|  | CheckBox |
|  | RadioButton |

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| **Question #22**(1 point) | |
| … enables the possibility for a function to be polymorphic when it is overridden in one or more inherited classes. | |
|  | static |
|  | parameterized |
|  | overridden |
|  | virtual |

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| **Question #23**(1 point) | |
| What is output of the following code?  class Program  {  delegate double Unary(double n1);  static double Power(double n1, double power)  {  return (System.Math.Pow(n1, power));  }   static void Main(string[] args)  {  Unary u1 = new Unary(Power); System.Console.WriteLine(u1(9,3).ToString());  }  } | |
|  | Compile error |
|  | 729 |
|  | 9 |
|  | 3 |

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| **Question #24**(1 point) | |
| Which sentence about Cookie is correct? | |
|  | Cookie is often realized as a text file on the user’s machine. |
|  | Cookie is often realized as a text file on the web server. |
|  | Cookie is used to maintain sensitive information about the current user. |
|  | The exact location of cookie files does not dependent on which browser is using. |

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| **Question #25**(1 point) | |
| Which sentence about thread pool is correct? | |
|  | The thread pool manages threads efficiently by minimizing the number of threads that must be created, started, and stopped. |
|  | Threads in thread pool are always foreground threads. |
|  | You can set priority for a thread in thread pool. |
|  | Default priority of a thread in thread pool is BelowNormal. |

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| **Question #26**(1 point) | |
| Can we check whether an .aspx page is posted back to the server? | |
|  | Yes, by using IsPostBack property of Page class. |
|  | Yes, by using IsPostForward property of Page class. |
|  | No |

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| **Question #27**(1 point) | |
| Determine the output of the following code segment:   int x = 2009;  int y = 2010;  System.Console.WriteLine ("The value of x | y is : {0}", (x | y)); | |
|  | 2011 |
|  | 2009 |
|  | 2010 |
|  | Compile error! |

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| **Question #28**(1 point) | |
| Which sentences are correct? | |
|  | A form is a class. |
|  | A form is not a control. |
|  | A form is only used to present information to the user. |
|  | A form is only used to receive information from the user. |

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| **Question #29**(1 point) | |
| What is output of the following code?   using System;  class Program  {  delegate void Display();  static void Main()  {  Display d1 = new Display(DisplayHello);  d1();  }  void DisplayHello()  {  Console.WriteLine("Hello");  }  } | |
|  | Hello |
|  | Compile error at line: delegate void Display(); |
|  | Compile error at line: d1(); |
|  | Compile error at line: Display d1 = new Display(DisplayHello); |

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| **Question #30**(1 point) | |
| class Sample  {  public static void fun1()  {  Console.WriteLine("Bix1 method");  }  public void fun2()  {  fun1();  Console.WriteLine("Bix2 method");  }   public void fun2(int i)  {  Console.WriteLine(i);  fun2();  }  }  class MyProgram  {  static void Main(string[ ] args)  {  Sample s = new Sample();  Sample.fun1();  s.fun2(123);  }  } | |
|  | Bix1 method 123 Bixl method Bix2 method |
|  | Bix1 method 123 Bix2 method |
|  | Bix2 method 123 Bix2 method Bixl method |
|  | Bixl method 123 |

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| **Question #31**(1 point) | |
| You have a code library that was written by C#. Can you use this library with VB.NET? | |
|  | Yes |
|  | No |

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| **Question #32**(1 point) | |
| Which of the following associations of try, catch and finally is INVALID? | |
|  | catch {} finally {} |
|  | try {} finally {} |
|  | try {} catch {} finally {} |
|  | try {} catch {} |

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| **Question #33**(1 point) | |
| What is output of the following code?   using System;  class Program  {  static void Main()  {  Display();  }  static void Display()  { Console.WriteLine(typeof(T).ToString());  }  } | |
|  | System.Int32 |
|  | ToString() |
|  | Compile error |
|  | Runtime error |

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| **Question #34**(1 point) | |
| Interface references CANNOT be obtained through: | |
|  | The is keyword |
|  | The as keyword |
|  | Explicit cast |

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| **Question #35**(1 point) | |
| Which sentence about code library is correct? | |
|  | A code library can be an executable file. |
|  | You cannot reuse the library which is written by C# in any other .NET programming language. |
|  | You cannot create a code library in C#. |
|  | A code library must take a \*.dll extension. |

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| **Question #36**(1 point) | |
| Which type of the System.Threading namespace can be used to resolve the issue of concurrency? | |
|  | Monitor |
|  | Thread |
|  | ThreadPool |
|  | Timer |

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| **Question #37**(1 point) | |
| Which object provides the ability to connect to and disconnect from the data store? | |
|  | Connection |
|  | Command |
|  | DataReader |
|  | DataAdapter |

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| **Question #38**(1 point) | |
| Determine the output of the following code segment:   int x = 2009;  int y = 2010;  System.Console.WriteLine ("The value of x & y is : {0}", (x & y)); | |
|  | 2008 |
|  | 2009 |
|  | 2010 |
|  | Compile error! |

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| **Question #39**(1 point) | |
| A web service which conforms to WSI basic profile 1.1 can include some methods that have the same name. | |
|  | No |
|  | Yes |

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| **Question #40**(1 point) | |
| Choose the correct statement   1) The Deactivate event occurs when the user switches away from the from and concentrates on other form  2) The FormClosing event arises when the form is in its hiding state  3) The FormClosed event arises when the form is closing | |
|  | Statement 1 is correct |
|  | Statement 2 is correct |
|  | Statement 3 is correct |
|  | All statements are correct |

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| **Question #41**(1 point) | |
| What is output of this code? (Assume that cn is correct and table name is exact.)   System.Data.SqlClient.SqlCommand cmd = cn.CreateCommand();  cmd.CommandText = "Select \* from Customers";  System.Console.WriteLine(cmd.ExecuteNonQuery().ToString()); | |
|  | -1 |
|  | Compile error |
|  | 1 |
|  | 0 |

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| **Question #42**(1 point) | |
| In ASP.NET application, \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ variables can be accessed by all the pages in the application. | |
|  | Session, Application |
|  | Application, Request |
|  | Server, Response |
|  | Global, Session |

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| **Question #43**(1 point) | |
| What are client-side script languages? | |
|  | VBScript and JavaScript. |
|  | VBScript only. |
|  | JavaScript only. |
|  | Visual C#, Visual Basic.NET and Visual J#. |

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| **Question #44**(1 point) | |
| Which utility allows you to investigate the set of referenced assemblies within your current project? | |
|  | Solution Explorer Utility |
|  | Class View Utility |
|  | Object Browser Utility |
|  | Code Definition Window. |

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| **Question #45**(1 point) | |
| Boxing is | |
|  | Convert a value type to a object |
|  | Convert an object to a value type |
|  | Convert a numeric value to object |
|  | Convert a string to a numeric value |

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| **Question #46**(1 point) | |
| By setting the Text property on the form, you will cause the value of the Text property to display on which part of the form? | |
|  | Bottom-right corner |
|  | Top-right corner |
|  | Title bar |
|  | Status bar |

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| **Question #47**(1 point) | |
| A DataSet object is one of the components of the data provider, | |
|  | TRUE |
|  | FALSE |

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| **Question #48**(1 point) | |
| What is output of the following code?   static void Main(string[] args)  {  System.Collections.ArrayList newArray = new System.Collections.ArrayList();  newArray.Add("August");  newArray.Add(2010);  foreach (object oneItem in newArray)  System.Console.WriteLine(oneItem.GetType().ToString());  } | |
|  | System.String System.Int32 |
|  | August 2010 |
|  | Compile error |
|  | Runtime error |

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