70-540

(TS: Microsoft Windows Mobile Application Development)

Document version: 9.30.06

Important Note, Please Read Carefully

techeXams' 70-540 Exam is a comprehensive compilation of questions and answers that have been developed by our team of certified professionals. In order to prepare for the actual exam, all you need is to study the content of this exam questions. An average of approximately 10 to 15 hours should be spent to study these exam questions and you will surely pass your exam. It's our guarantee.

Latest Version

We are constantly reviewing our products. New material is added and old material is revised. Free updates are available for 90 days after the purchase. You should check your member zone at techeXams and update 3-4 days before the scheduled exam date. Here is the procedure to get the latest version:

1. Go to http://www.techeXams.ws/
2. Log in the User Center
3. The latest versions of all purchased products are downloadable from here. Just click the links.

Feedback

If you find any possible improvement, then please do let us know. We are always interested in improving the quality of this product. Feedback can be send at: **customer.service@techeXams.ws**

Explanations

This product does not include explanations for all questions at the moment. If you are interested in providing explanations for this exam, please contact **customer.service@techeXams.ws**.

Copyright

Disclaimer

Question: 1

You are creating a Microsoft Windows Mobilebased application. The application stores real-time order information for small businesses. The number of orders ranges from a minimum of 0 to a maximum of 5000. You need to ensure that the application achieves optimum performance for any number of orders within the specified range. Which class should you choose?

A. OrderedDictionary
B. HybridDictionary
C. ListDictionary
D. Hashtable

Answer: B

Question: 2

You are creating a Microsoft Windows Mobilebased application. You are required to create custom data types that derive from a system type. The system type must satisfy the following requirements: Ensure the type safety of collections during compilation. Improve the code readability of the application. Minimize the potential for run-time errors. You need to identify the system type that meets the outlined requirements.
Which system type should you choose?

A. Delegate type
B. Nullable type
C. Generic type
D. Value type

Answer: C

Question: 3

You are creating a Microsoft Windows Mobilebased application. The application uses a custom exception class named MyException that transmits stack information. The MyException class is derived from the Exception class. The application contains a method named ThrowException. You write the following code segment.
try { ThrowException(); }
The ThrowException method throws an exception of type MyException. You need to rethrow the exception. You also need to preserve the stack information of previous exceptions.
Which code segment should you use?

A. catch (MyException ex) { throw new Exception(ex.Message); }
B. finally { throw new MyException(); }
C. catch { throw;
}
D. catch (Exception ex) { throw ex; }

Answer: C

Question: 4

You are creating a Microsoft Windows Mobilebased application. You create a class named InventoryManager. The InventoryManager class uses events to alert subscribers about changes in inventory levels. You need to create delegates in the InventoryManager class to raise events to subscribers. Which code segment should you use?

A. public event InventoryChangeEventHandler OnInventoryChange; public delegate void InventoryChangeEventHandler (object source, EventArgs e);
B. private event InventoryChangeEventHandler OnInventoryChange; private delegate void InventoryChangeEventHandler (object source, EventArgs e);
C. public event EventHandler OnInventoryChange; public void InventoryChangeHandler(object source, EventArgs e) { this.OnInventoryChange(); }
D. private event EventHandler OnInventoryChange; private void InventoryChangeHandler(object source, EventArgs e) { this.OnInventoryChange(); }

Answer: A

Question: 5

You are creating a Microsoft Windows Mobilebased inventory application. The application must create reports that display inventory part numbers.
You need to write a method named WritePart that displays the part numbers in the following format: A minimum of three digits to the left of the decimal point Exactly two digits to the right of the decimal point Left-aligned output
Which code segment should you use?

A. public static void WritePart(IFormattable t, CultureInfo ci) { Console.WriteLine ("{0,-30}{1,30}", "Part:", t.ToString("000.00", ci)); }
B. public static void WritePart(IFormattable t, CultureInfo ci) { Console.WriteLine ("{0,-30}{1,30}", "Part:", t.ToString("000.##", ci)); }
C. public static void WritePart(IFormattable t, CultureInfo ci) { Console.WriteLine ("{0,30}{1,30}", "Part:", t.ToString("###.##", ci)); }
D. public static void WritePart(IFormattable t, CultureInfo ci) { Console.WriteLine ("{0,30}{1,30}", "Part:", t.ToString("###.00", ci)); }

Answer: A

Question: 6

You are creating a Microsoft .NET Compact Framework application. The application uses a StringBuilder class to manipulate text.
You write the following code segment. StringBuilder sb = new StringBuilder(100);
After the code segment is executed, the text buffer of the StringBuilder class displays the following text: Microsoft Corporation, Redmond, WA. You need

to write a code segment to clear the text of the StringBuilder class. Which code segment should you use?

A. sb.Capacity = 0;
B. sb.Length = 0;
C. sb.Replace(sb.ToString(), "", 0, 100);
D. sb.Remove(0, 100);

Answer: B

Question: 7

You are creating a Microsoft Windows Mobilebased application. The application will manage product inventory for retail stores. You are creating a class that will contain a method named Contains. The method will search for the items in the store. The items are of reference types and value types.
You need to identify the code that uses the minimum amount of execution time for both reference types and value types.
Which code segment should you use?

A. public bool Contains(T[] array, T value) { for (int i = 0; i < array.Length; i++) { if (EqualityComparer<T>.Default.Equals(array[i], value)) return true; } return false; }
B. public bool Contains(T[] array, object value) { for (int i = 0; i < array.Length; i++) { if (array.GetValue(i).Equals(value)) return true; } return false; }
C. public bool Contains(IEnumerable array, object value) { foreach (object obj in array) { if (obj.Equals(value))
return true; } return false; }
D. public bool Contains(IEnumerable array, object value) { foreach (object obj in array) { if (obj == value) return true; } return false; }

Answer: A

Question: 8

You are creating a Microsoft Windows Mobilebased application. You create a class named Employee. You also create an Executive class, a Manager class, and a Programmer class. These three classes inherit from the Employee class. You need to create a custom type-safe collection that manages only those classes that are derived from the Employee class. Which code segment should you choose?

A. class EmployeeCollection < T > : List < T >
B. class Emp l oyeeCollection < T > : ICollection
C. class EmployeeCollection < T > : CollectionBase where T:class
D. class EmployeeCollection < T > : CollectionBase where T:Employee

Answer: D

Question: 9

**You are creating a multithreaded Microsoft Windows Mobilebased application.
The application has two separate procedures. Each procedure must run on its own threads. public void ThreadProc1() { } public void ThreadProc2() { } ThreadProc1 must complete execution before ThreadProc2 begins execution.
You need to write the code segment to run both procedures.
Which code segment should you use?**

A. Thread thread1 = new Thread(new ThreadStart(ThreadProc1)); Thread thread2 = new Thread(new ThreadStart(ThreadProc2)); thread1.Start(); ... thread1.Join(); thread2.Start();
B. Thread thread1 = new Thread(new ThreadStart(ThreadProc1)); Thread thread2 = new Thread(new ThreadStart(ThreadProc2)); lock(thread1) { thread1.Start(); ... } thread2.Start();
C. Thread thread1 = new Thread(new ThreadStart(ThreadProc1)); Thread thread2 = new Thread(new ThreadStart(ThreadProc2));
thread1.Start();
...
Monitor.TryEnter(thread1);
thread2.Start();
Monitor.Exit(thread1);Reset Instructions Calculator
D. .Thread thread1 = new Thread(new ThreadStart(ThreadProc1)); Thread thread2 = new Thread(new ThreadStart(ThreadProc2)); thread1.Start(); ... Interlocked.Exchange(ref thread1, thread2); thread2.Start();

Answer: A

Question: 10

**You are creating a Microsoft .NET Compact Framework application.
You write the following code segment.
public class Target { public void SetValue(int value) { } }
You need to write a method named CallSetValue that calls the SetValue method by using late binding.
Which code segment should you use?**

A. public void CallSetValue(int value) { Target target = new Target(); MethodInfo mi = target.GetType().GetMethod("SetValue"); mi.Invoke(target, new object[] { value }); }
B. public void CallSetValue(int value) { Target target = new Target(); MethodInfo mi = target.GetType().GetMethod("Target.SetValue"); mi.Invoke(target, new object[] { value }); }
C. public void CallSetValue(int value) { Target target = new Target(); MethodInfo mi = target.GetType().GetMethod("Target.SetValue"); mi.Invoke(value, null); }
D. public void CallSetValue(int value) { Target target = new Target(); MethodInfo mi = target.GetType().GetMethod("SetValue"); mi.Invoke(value, null); }

Answer: A

Question: 11

You are creating a Microsoft Windows Mobilebased application. The application contains a Windows Form that has a panel.
You need to ensure that the panel remains attached to the bottom of the Windows Form even when the screen size changes. At run time the user must be able to resize the panel by using a splitter control. What should you do?

A. Set the Dock property of the panel equal to DockStyle.Bottom.
B. Set the Anchor property of the panel equal to AnchorStyles.Bottom.
C. Set the Height property of the panel equal to the Height property of the Windows Form.
D. Set the Control.Size property of the panel equal to the Control.Size property of the Windows Form.

Answer: A

Question: 12

You are creating a Microsoft Windows Mobilebased application. The application contains a Windows Form that has a text box control named TxtSalary. The application also contains a class named Employee that has a property named Salary. You create an instance of the Employee class named emp in the Windows Form. You need to write the code segment that binds TxtSalary to emp. You also need to ensure that the code segment displays the salary of an employee as a currency value prefixed by the currency symbol. Which code segment should you use?

A. Binding bind = new Binding("Text", emp, "Salary"); bind.FormattingEnabled = true; bind.FormatString = "C"; TxtSalary.DataBindings.Add(bind);
B. Binding bind = new Binding("Text", emp, "Salary"); bind.FormattingEnabled = true; bind.FormatInfo = new NumberFormatInfo(); TxtSalary.DataBindings.Add(bind);
C. Binding bind = new Binding("Salary", emp, "Currency"); bind.FormattingEnabled = true; bind.FormatInfo = new NumberFormatInfo(); TxtSalary.DataBindings.Add(bind);
D. Binding bind = new Binding("Salary", emp, "C"); bind.FormattingEnabled = true; TxtSalary.DataBindings.Add(bind);

Answer: A

Question: 13

You are creating a Microsoft Windows Mobilebased application. The Windows Mobilebased application contains a Windows Form that has two text boxes. You create KeyPressEventHandler delegates for the Windows Form and the two text boxes to handle the KeyPress events. The KeyPressEventHandler delegate for the Windows Form ensures that only letters or digits are entered. The KeyPressEventHandler delegate for the text boxes contains code that validates the letters or digits that are entered. You need to ensure that the

KeyPress events are handled appropriately. Which two tasks should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Set the KeyPreview property of the Windows Form to True.
B. Set the KeyPreview property of the Windows Form to False.
C. Set the Handled property of the KeyEventArgs object to True inside the KeyPressEventHandler method for the Windows Form if the entered character is neither a letter nor a digit.
D. Set the Handled property of the KeyEventArgs object to False inside the KeyPressEventHandler method for the Windows Form if the entered character is neither a letter nor a digit.
E. Set the Handled property of the KeyEventArgs object to False inside the KeyPressEventHandler method for the text boxes.
F. Set the Handled property of the KeyEventArgs object to True inside the KeyPressEventHandler method for the text boxes.

Answer: A, C

Question: 14

You are creating a Microsoft Windows Mobile smartphonebased application. The application has a Windows Form. The form has a main menu control named MnuMain. The form must contain two top-level menus named MnuOptions and MnuHelp. The MnuOptions menu must contain two submenus named MnuNew and MnuEdit. The top-level menus must be activated by using the following soft keys: Right soft key for the MnuOptions menu Left soft key for the MnuHelp menu You write the following code segment. MenuItem MnuHelp = new MenuItem(); MenuItem MnuOptions = new MenuItem(); MenuItem MnuNew = new MenuItem(); MenuItem MnuEdit = new MenuItem(); You need to ensure that the menus meet the outlined requirements. Which code segment should you use?

A. MnuOptions.MenuItems.Add(MnuNew); MnuOptions.MenuItems.Add(MnuEdit); MnuMain.MenuItems.Add(MnuOptions); MnuMain.MenuItems.Add(MnuHelp);
B. MnuOptions.MenuItems.Add(MnuNew); MnuOptions.MenuItems.Add(MnuEdit); MnuMain.MenuItems.Add(MnuHelp); MnuMain.MenuItems.Add(MnuOptions);
C. MnuOptions.MenuItems.Add(MnuHelp); MnuOptions.MenuItems.Add(MnuNew); MnuOptions.MenuItems.Add(MnuEdit); MnuMain.MenuItems.Add(MnuOptions);Reset Instructions Calculator.
D. MnuOptions.MenuItems.Add(MnuNew); MnuOptions.MenuItems.Add(MnuEdit); MnuHelp.MenuItems.Add(MnuOptions); MnuMain.MenuItems.Add(MnuHelp);

Answer: B

Question: 15

You are creating a Microsoft Windows Mobilebased application. You are creating a text box control named DigitBox that allows only numbers to be entered. The classes that inherit from the DigitBox control must be able to allow characters other than numbers to be entered. You need to write the

correct class definit **hould you use?**

A. public class Dig PressEventArgs e) { if (char.IsDigit(e.Ke
B. public class Dig KeyPressEventHa s(object sender, KeyPressEventArg ; } }
C. public class Dig PressEventArgs e) { if (char.IsDigit(e.Ke
D. public class Dig KeyPressEventHa s(object sender, KeyPressEventArg e; } }

Answer: A

Question: 16

You are creating a M pplication contains a Windows Form. T ols. You need to design the panel su rm. What should you do?

A. Set the Anchor
B. Set the Locatio
C. Set the Anchor les.Bottom.
D. Set the Locatio and a vertical point to the height of th

Answer: C