

Microsoft

Exam 98-373

Mobile Development Fundamentals

Version: 6.0

[Total Questions: 233]

Topic 1, C#**Question No : 1 - (Topic 1)**

A programming theory that breaks design areas into distinct sections is referred to as:

- A. Lists.
- B. Separation of concerns.
- C. Abstraction.
- D. Inheritance.

Answer: B

Question No : 2 - (Topic 1)

You are working on a Windows Phone 7.5 application in Microsoft Visual Studio.

You plan to test the behavior of the application when tombstoning occurs.

You need to change the setting that instructs the debugger to use tombstoning instead of deactivation during testing.

Where can you find the setting?

- A. In the project's properties
- B. In the Task List window
- C. In the Configuration Manager
- D. In the Toolbox window

Answer: A

Question No : 3 - (Topic 1)

What type of file is used to deploy Windows Phone 7 applications?

- A. XAP
- B. EXE

- C. CAB
- D. COM

Answer: A

Question No : 4 - (Topic 1)

What term describes the process of translating an application's strings into multiple languages?

- A. Globalization
- B. Universalization
- C. Multilingualization
- D. Localization

Answer: D

Question No : 5 - (Topic 1)

Your mobile application has the following C* class methods: in:

```
int GetTextLength(string text)
{
    return text.Length;
}

int FindLength()
{
    return GetTextLength(null);
}
```

What will be the result of the code when the FindLength method is called?

- A. Throw a NullReferenceException
- B. Throw an ArgumentNullException
- C. Return -1
- D. Return 0

Answer: A

Question No : 6 - (Topic 1)

You are designing the user interface for a Windows Phone 7 application by using Microsoft Silverlight. Which markup language should you use?

- A. DHTML
- B. MAML
- C. XAML
- D. HTML

Answer: C

Question No : 7 - (Topic 1)

You plan to create Microsoft Silverlight code to join a multicast group that will subscribe the user of the application to a group address. What method should you use?

- A. Any-source multicast code
- B. Anycast IP address
- C. Multicast IP address
- D. Single-source multicast code

Answer: A

Question No : 8 - (Topic 1)

What does the following code segment do? (Line numbers are included for reference only.)

```

01 List<string> wordList =
02     new List<string>(new[] { "Hello", " World", "!" });
03 foreach (string item in wordList)
04 {
05     if (String.IsNullOrEmpty(item))
06     {
07         continue;
08     }
09     if (item[0] == 'H')
10     {
11         wordList.Remove(item);
12     }
13 }
14 string result = null;
15 foreach (string item in wordList)
16 {
17     result += item;
18 }
19 System.Diagnostics.Debug.WriteLine(result);
    
```

- A. Throws a NullReferenceException at line 17
- B. Throws a NullReferenceException at line 19
- C. Throws an InvalidOperationException at line 03
- D. Throws an InvalidOperationException at line 09

Answer: C

Question No : 9 DRAG DROP - (Topic 1)

Match each framework to its feature. (To answer, drag each framework from the column on the left to its feature on the right. Each framework may be used once, more than once, or not at all. Each correct match is worth one point.)

Framework	Feature
Microsoft Silverlight	Creates XAML-based, event-driven interface
WCF	Manages models, meshes, sprites, and textures
XNA	Uses embedded HTML web browser
	Uses embedded video
	Creates high-performance games

Answer:

Framework	Feature	
Microsoft Silverlight	Creates XAML-based, event-driven interface	Microsoft Silverlight
WCF	Manages models, meshes, sprites, and textures	XNA
XNA	Uses embedded HTML web browser	Microsoft Silverlight
	Uses embedded video	Microsoft Silverlight
	Creates high-performance games	XNA

Question No : 10 - (Topic 1)

You are creating a Windows Phone application to retrieve text data from a web service.

Which data-interchange format should you use to minimize data traffic for performance and cost?

- A. Plain Old Xml (POX)
- B. JavaScript Object Notation (JSON)
- C. Open Data Protocol (OData)
- D. simple Object Access Protocol (SOAP)

Answer: B

Question No : 11 - (Topic 1)

To query a relational database, Language-Integrated Query (LINQ) translates queries from mobile applications to:

- A. SQL.
- B. Batch scripts.
- C. HTML.
- D. Microsoft Silverlight.

Answer: A

Question No : 12 - (Topic 1)

You are creating an application that will allow users to send a customized email message to a particular contact in their address book. Which two classes should you use? (Choose two.)

- A. EmailAddressChooserTask
- B. AddressChooserTask
- C. SaveEmailMAddressTask
- D. EmailComposeTask
- E. SmsComposeTask

Answer: A,D

Explanation: A:EmailAddressChooserTask

Allows an application to launch the Contacts application. Use this to obtain the email address of a contact selected by the user.

D:EmailComposeTask

Allows an application to launch the email application with a new message displayed. Use this to allow users to send email from your application.

Incorrect:

Not B:AddressChooserTask Class

Allows an application to launch the Contacts application. Use this to obtain the physical address of a contact selected by the user.

Question No : 13 - (Topic 1)

What type of storage is used to prevent applications from directly modifying the data of other applications?

- A. SD Card
- B. Isolated
- C. Local
- D. Remote

Answer: B

Question No : 14 - (Topic 1)

Which API is used to store and access data in the local database of a Windows Phone 7.5 application?

- A. LINQ to SQL
- B. Code First
- C. MicrosoftADO.NET
- D. Entity Framework

Answer: A

Question No : 15 - (Topic 1)

You need to prepare custom objects to save data to isolated storage by using the `IsolatedStorageSettings` class. What should you do?

- A. Implement the `IXmlSerializable` interface.
- B. Add the required attributes to use the `DataContractSerializer` class to the objects.
- C. Create an `XmlSerializationWriteCallback` delegate for each of the classes,
- D. Derive each of the custom classes from the `XmlMapping` class.

Answer: B

Question No : 16 - (Topic 1)

What are two extension methods implemented by the `Queryable` class that support Language-Integrated Query (LINQ) queries? (Choose two.)

- A. Round
- B. Median
- C. Query
- D. Sum
- E. Select

Answer: D,E

Explanation: Sum(IQueryable<Decimal>)Computes the sum of a sequence of Decimal values.

Select<TSource, TResult>(IQueryable<TSource>, Expression<Func<TSource, TResult>>)Projects each element of a sequence into a new form.

Question No : 17 - (Topic 1)

You need to use a background agent to keep a local database synchronized with a remote data source. What is the maximum number of days you can schedule a background agent to run?

- A. 7
- B. 14
- C. 21
- D. 28

Answer: B

Question No : 18 - (Topic 1)

Which class provides the device's orientation and movement in space in a Windows Phone 7.5 application?

- A. Motion
- B. Accelerometer
- C. Compass
- D. Gyroscope

Answer: A

Question No : 19 - (Topic 1)

Which networking feature is newly supported in Windows Phone 7.5?

- A. wi-Fi

- B. Sockets
- C. Windows Communication Foundation (WCF) services
- D. WebRequest API

Answer: B

Question No : 20 - (Topic 1)

Which three applications are available on a Windows Phone 7 device, but not on the device emulator user interface? (Choose three.)

- A. Windows Internet Explorer
- B. Xbox Live
- C. Pictures Hub
- D. Windows Phone Marketplace
- E. Bing Maps

Answer: B,D,E

Explanation: Windows Internet Explorer and Pictures Hub work in the device emulator.

Question No : 21 - (Topic 1)

Which description refers to the camera viewfinder preview stream's YCbCr color format option?

- A. YCbCr data can be converted to grayscale.
- B. YCbCr data can be sent to an XNA Texture2D without conversion.
- C. YCbCr data can be sent to a Microsoft SilverLight WriteableBitmap without conversion.
- D. YCbCr is not supported by all Windows Phones.

Answer: A

Question No : 22 - (Topic 1)

Which sensor measures both force of gravity and forces resulting from movement on a