

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the Name of Allāh, the Most Gracious, the Most Merciful

MidTerm Papers Solved MCQS with Reference (1 to 22 lectures)

1. Every _____ is represented by an event-object.

- ☐ Information
- ☐ Entity
- ☐ Object
- ☐ **Event**

PG#7

2. “Situation” is an event occurrence that requires a(n) _____.

- ☐ **Reaction**
- ☐ Class
- ☐ Object
- ☐ Action

PG#8

3. In C#, comments are written using _____.

- ☐ # and */*
- ☐ **// and /**/**
- ☐ # and /*
- ☐ // and */*

PG#14

اپنی مرضی اور اللہ کی مرضی میں فرق کا نام غم ہے

4. Which statement is True about “else” clause?

- ☐ An else clause always applies to the one after next preceding if statement in the statement block.
- ☒ **An else clause always applies to the immediately preceding if statement in the statement block.**

[Click Here For More Detail](#)

- ☐ An else clause can or cannot applies to the immediately preceding if statement in the statement block.
- ☐ An else clause never applies to the immediately preceding if statement in the statement block.

5. Not implementing some methods of the interface in the class is _____.

- ☒ **An error** **PG#35**
- ☐ Acceptable
- ☐ A warning
- ☐ An exception

6. You can handle multiple exception types with multiple _____ clauses.

- ☐ Throw
- ☐ Finally
- ☒ **Catch**
- ☐ Try

[Click here for more Detail](#)

7. Due to _____, “Assembly” Files are self-describing.

- ☐ Classes
- ☐ Variables
- ☐ Functions
- ☒ **Meta data**

PG#41

Assemblies are self-describing because they have metadata.

وہ لوگ مبارک ہیں جو الفاظ سے نصیحت نہیں کرتے بلکہ عمل سے کرتے ہیں

8. The communicate with unmanaged COM,_____ attribute is used.

- [Obsolete]
- [Assembly]
- **[STAThread]**
- [Obsolete Attribute]

PG#42

STAThread is a common attribute you will see later. It stands for Single Threaded Apartment model which is used for communicating with unmanaged COM.

9. _____ Method is used to move the file from one directory to another.

- **Move**
- Export
- Import
- None of the given options

PG#56

10. To develop games _____ is the best tool.

- Avalon
- **XNA**
- GDI
- WPF

XNA Game Studio is an integrated development environment designed to make it easier to develop games for Microsoft Window.

11. The keyword “CDATA” tells the XAML that the code written in this section _____.

- Is comment
- Does not follow the normal XAML rules
- **Is structured code**
- Has global scope

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12. _____ are special dependency properties that can be attached to arbitrary objects.

- **Attached properties** PG#77
- Global properties
- Static properties
- Procedural properties

13. Default padding of label in WPF is equal to _____.

- Three
- Ten
- **Five** PG#81
- Eight

Label's default padding=5.

14. If element is invisible and does not participate in layout, then which property is used?

- Visible
- **Collapsed** PG#92
- Hidden
- None of the given options

- ▶ **Visible**—The element is rendered and participates in layout.
- ▶ **Collapsed**—The element is invisible and does not participate in layout.
- ▶ **Hidden**—The element is invisible yet still participates in layout.

15. What is the default value of “RowSpan” property of “Dockpanel”?

- **1** PG#94
- 0
- 3
- 2

Rowspan and colspan 1 by default.

دنیا میں سب سے مشکل کام اپنی اصلاح اور سب سے آسان کام دوسروں پر نکتہ چینی کرنا ہے

16. What is the default value of "ColumnSpan" property of "Dockpanel"?

- ☐ 2
- ☒ **1 PG # 94**
- ☐ 0
- ☐ 3

17. The default constructor initializes the integers with _____ value.

- ☐ Empty
- ☐ NULL
- ☒ **Zero (0)**
- ☐ One (1)

18. A (n) _____ is a set of associated events.

- ☐ Event Consumer
- ☐ Event Producer
- ☒ **Event Stream PG # 11**
- ☐ Event Channel

19. We are checking that whether an element is eligible for focus or not, which property will help us in this testing?

- ☐ Focus
- ☐ IsFocus
- ☐ IsFocusable
- ☒ **Focusable**

[Click Here For More Detail](#)

Focusable Gets or sets a value that indicates whether the element can receive focus. This is a dependency property. (Inherited from UIElement).

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيک صحبت بہتر ہے

20. Which of the following operations are completed before next operation can be started?

- ☐ Anonymous
- ☐ Virtual
- ☒ **Synchronous** PG#8
- ☐ Asynchronous

Synchronous operations are completed before the next operation can be started.

Asynchronous operations can be started and we can do something else before they are completed.

21. C# is most often used with some implementation of the _____.

- ☐ Compact Language Interface
- ☐ Control Language Infrastructure
- ☐ Control Language Interface
- ☒ **Common Language Infrastructure (CLI)** PG#14

22. The range of “sbyte” is _____.

- ☐ 0 to 55
- ☐ 0 to 128
- ☐ 0 to 127
- ☒ **-128 to 127** [Click Here For More Detail](#)

The sbyte keyword indicates an integral type that stores values according to the size and range shown in the following table.

Type	Range	Size	.NET Framework type
sbyte	-128 to 127	Signed 8-bit integer	System.SByte

23. The _____ statement iterates over each element in an "enumerable" object.

- ☒ **foreach** [Click Here For More Detail](#)
- ☐ Dowhile
- ☐ While
- ☐ For

24. In normal program flow, logic is handled via _____.

- ☐ **If statement**
- ☐ Loops
- ☐ Try-Catch block
- ☐ Finally block

25. XML document is readable by _____.

- ☐ No one
- ☐ **Machine and Human both** PG#48
- ☐ Human only
- ☐ Machine only

XML or eXtensible Markup Language is widely used for exchanging data. Its readable for both humans and machines. Its a stricter version of HTML. Its made of tags, attributes, and values.

26. “StreamReader” reads the data _____.

- ☐ Line by line
- ☐ Word by word
- ☐ In chunks
- ☐ **None of the given options** [Click Here For More Detail](#)

27. For which of the following, WPF does not provide any type converter?

- ☐ FontWeight
- ☐ Color
- ☐ Point
- ☐ **None of the given options** PG#64

WPF provides type converters for many common data types: Brush, Color, FontWeight, Point, and so on.

28. Which one is not “read only” property of WPF element?

- ☐ desiredSize
- ☐ **Max** PG#81
- ☐ ActualWidth
- ☐ ActualHeight

Read only properties desiredSize, RenderSize, ActualHeight, ActualWidth.

29. If we execute the following code, then identify the correct option from the given below.

```
<Canvas>  
<Button Canvas.ZIndex = "10" Background = "Red">B1</Button>  
<Button Canvas.ZIndex = "9" Background = "Blue">B2</></Button>  
</Canvas>
```

- ☐ Button B2 will be on top of B1
- ☐ Value of ZIndex of first button cannot be greater than second
- ☐ **Button B1 will be on top of B2** [Click Here For More Detail](#)
- ☐ None of the given options

The greater the *value* of a given *element*, the more likely the *element* is to appear in the foreground. Likewise, if an *element* has a relatively low *value*, the *element* will likely appear in the background. For example, an *element* that has a *value* of 5 will appear above an *element* that has a *value* of 4, which in turn will appear above an *element* that has a *value* of 3, and so on. Negative values are allowed, and they continue this precedence pattern.

30. In C#, instances of values types do not have _____

- ☐ Referential identity
- ☐ Referential comparison semantics
- ☐ **Referential identity and Referential comparison semantics**
- ☐ None of the given options

PG#14

The common type system of C# has value types and reference types. **Instances of value types do not have referential identity nor referential comparison semantics.**

31. Consider a class which is "Non-Static" and it has one variable which is also non-static, when we declare four (4) instances /objects of the non-static class, then there will be _____ copy/copies of the variable in memory.

- ☐ No
- ☐ **Four**
- ☐ One
- ☐ Two

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32. There is/are _____ type/s of parameters that can be used on attribute.

- Four (4)
- Three (3)
- One (1)
- **Two (2)**

PG#43

Attribute parameters can be either positional parameters or named parameters.

33. Directory is the class of _____.

- System.Collections.Generic
- System.Reflection
- System.Text
- **System.IO**

34. The corresponding type converter class provided by WPF for brush is _____.

- **BrushConverter**
- CastBrush
- BrushCast
- None of the given options

PG#64

WPF provides type converters for many common data types: Brush, Color, FontWeight, Point, and so on. **Classes deriving from TypeConverter (BrushConverter, ColorConverter, and so on)**

35. One of the key goals of WPF and XAML is the separation of _____.

- None of the given options
- Events from event handlers
- Methods from properties
- **User Interface Design from implementation**

PG#62

WPF support separation of back end and front end.... That means the separation of design from the implementation. **Implementation means the back end while designing is front end**

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36. One of the key goals of WPF and XAML is the separation of _____.

- None of the given options
- Events from event handlers
- Methods from properties
- **Design elements from implementation** PG#62

37. The Syntax of “CDATA” section is _____.

- **<![CDATA[some code here]]>** PG#69
- <?![CDATA[some code here]]?>
- <![CDATA{ some code here }]>
- <!(CDATA(some code here))>

```
<![CDATA [  
    void button_Click(object sender, RoutedEventArgs e)  
    {  
        this.Close();  
    }  
]]>
```

38. One of the way is to get an instance of a class is _____.

- System array
- **Factory method** PG#69
- Sequential heap
- XAML compiler

Getting instances via factory methods

39. There are few properties to position an element on “canvas”. If we want to assign a value of “10” to its “Left” property then which option will be used?

- LeftCanvas
- **Canvas.Left** PG#88
- Left.Canvas
- None of the given options

40. Which statement is True about interfaces?

- ☐ An interface can contain only methods, variables, events, and indexers.
- ☐ An interface can contain only variables, properties, events, and indexers.
- ☐ An interface can contain only methods, properties, variables, and indexers
- ☒ **An interface can contain only methods, properties, events, and indexers.**

PG#35

41. Which one is the correct syntax for declaring attribute?

- ☒ **[Obsolete]**
- ☐ {Obsolete}
- ☐ (Obsolete)
- ☐ *Obsolete

PG#42

42. An "object" element can have _____ type/s of children.

- ☐ Four
- ☒ **Three**
- ☐ Two
- ☐ One

PG#65

43. _____ allows to keep the user interface description and implementation separate.

- ☐ GDI
- ☒ **WPF**
- ☐ Avalon
- ☐ Altia

PG#61

44. There is/are _____ type(s) of padding in WPF element.

- ☐ One
- ☐ Two
- ☒ **Three**
- ☐ Four

PG#81

45. Which of the following is not a feature of "C#"?

- **Operator overloading is not allowed.** PG #13
- Multiple Inheritances is not supported but interfaces are supported.
- Enumeration members are scoped.
- Global variables or functions are not allowed.

Read some notable features of C# on Page 14

46. Stylus can behave like a _____ but has _____ resolution.

- Keyboard, lower
- Mouse, lower
- **Mouse, higher** PG 114
- Keyboard, higher

47. Attributes are declared _____ the class/function.

- **Within**
- After
- Above
- Outside

48. The code given below is equivalent to _____.

<SolidColorBrush>White</SolidColorBrush>

- <WhiteBrush >MyWhiteBrush </ WhiteBrush>
- **<SolidColorBrush Color="White"/>** PG#64
- <Brush Style= "SolidWhite">
- None of the given options

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49. Visual Studio has a snippet called _____ that automatically expands into a definition of a dependency property, which makes defining one much faster than doing all the typing yourself!

- ☐ **Propdp** PG#75
- ☐ Property extension
- ☐ Dpprop
- ☐ Dependency property

50. Multiple _____ are conventionally stored in multiple files.

- ☐ Functions
- ☐ Values
- ☐ Variables
- ☐ **Classes** PG#22

51. "Situation" is an event occurrence that requires a (n) _____.

- ☐ **Reaction** PG#8
- ☐ Class
- ☐ Object
- ☐ Action

52. We have two buttons "b1" and "b2". If we want to place "b1" on "b2" then value of "ZIndex" of "b1" should be _____ the value of "ZIndex" of "b2".

- ☐ Less than
- ☐ Greater than
- ☐ Equal to
- ☐ **No need to give value of ZIndex of b1** PG#99

53. Events can be _____.

- ☐ Specialized
- ☐ **All of the given options** PG#12
- ☐ Composed
- ☐ Generalized

54. When WPF 3.5 was released _____.

- ☐ 2005
- ☐ 2006
- ☒ 2008
- ☐ 2009

WPF Versions and Major Enhancements

Following table gives a concise view of WPF Versions, timeline and major enhancements:

WPF Version	Release (YYYY-MM)	.NET Version	Visual Studio Version	Major Features
3.0	2006-11	3.0	N/A	Initial Release. WPF development can be done with VS 2005 (released in Nov 2005) too with few additions as described here.
3.5	2007-11	3.5	VS 2008	Changes and improvements in: Application model, data binding, controls, documents, annotations, and 3-D UI elements.
3.5 SP1	2008-08	3.5 SP1	N/A	Native splash screen support. New WebBrowser control. DirectX pixel shader support. Faster startup time and improved performance for Bitmap effects.
4.0	2010-04	4.0	VS 2010	New controls: Calendar, DataGrid, and DatePicker. Multi-Touch and Manipulation
4.5	2012-08	4.5	VS 2012	New Ribbon control New INotifyDataErrorInfo interface
4.5.1	2013-10	4.5.1	VS 2013	No Major Change
4.5.2	2014-05	4.5.2	N/A	No Major Change
4.6	2015-07	4.6	VS 2015	Transparent child window support. HDPI and Touch improvements

55. The corresponding type converter class for “Brush” class will be _____.

- ☒ **BrushConverter** PG#64
- ☐ CastBrush
- ☐ BrushCast
- ☐ None of the given options

56. Which "transform" property can help us to flip the element from its center?

- ☐ ScaleY
- ☐ None of given options
- ☐ ScaleX
- ☒ **RenderTransformOrigin** PG#83

57. CLI stands for _____.

- Compact Language Infrastructure
- **Common Language Infrastructure** PG#14
- Console Language Infrastructure
- Control Language Infrastructure

58. The elements in a/an _____ are always stored in a contiguous block of memory.

- Tree
- **Array** [Click Here For More Reference](#)
- Variable
- Struct

59. If we want that "Stretch" property of child element takes the available "height or width of parent" and shape of child element doesn't change, then we should write "Stretch = _____".

- 1
- **Fill** PG#109
- UniformToFill
- Uniform

60. The only _____ .Net language has an intrinsic understanding of dependency Properties.

- Vb.net
- C#
- J#
- **Xaml** PG#74

عقل مند کہتا ہے میں کچھ نہیں جانتا جبکہ بے وقوف کہتا ہے کہ میں سب کچھ جانتا ہوں

61. The _____, _____ and _____ of applications that use events, either directly or indirectly is called event-based programming.

- Model, Code, Operation
- Analyze, Design, Operation
- Code, Operation, Maintain
- **Design, Coding, Operation**

PG#8

62. The Design, Coding and operation of applications that use events, either directly or indirectly is called _____.

- Event Based architecture
- Event Driven architecture
- **Event-based programming**
- None of the given

PG#8

The design, coding and operation of applications that use events, either directly or indirectly is called event-based programming or applications based on event-driven architecture.

63. Unlike type converters, however, markup extensions are invoked from XAML with _____.

- Bridge assemblies
- Wrapper code
- **Explicit and consistent syntax**
- None of the given options

PG 65

تم اچھا کرو زماںہ تم کو برا سمجھے یہ اس سے بہتر ہے کہ تم برا کرو اور زماںہ تم کو اچھا سمجھے

CS411 QUIZ # 1

2014 , 2015 and 2016

From (1 to 10) Lectures

64. A class can inherit from _____ class/classes.

- ☐ Two
- ☐ **Single** [Click here for more detail](#)
- ☐ Three
- ☐ Multiple

65. During the program execution, program can be stopped with the help of _____.

- ☐ Attributes
- ☐ Compiler
- ☐ Exception Handling
- ☐ **Breakpoints** PG#48

66. Types not defined in any namespace are said reside in the _____ namespace.

- ☐ Local
- ☐ Static
- ☐ Virtual
- ☐ **Global** [Click here for more detail](#)

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67. Indexers are similar to properties, but are accessed via a/an _____ rather than a property name.

- **Index Argument** [Click here for more detail](#)
- Reference
- Pointer
- Integer Argument

68. At the time an event is fired, the _____ methods will be invoked.

- **Registered** [Click here for more detail](#)
- Public
- Static
- Unregistered

69. Which of the following does NOT include in event processing operations?

- Deleting Events
- Reading Events
- **Terminating Events** PG#8
- Transforming Events

Event processing is computing that performs operations on events. **Common event processing operations include reading, creating, transforming, and deleting events.**

70. The result of Exception can bring _____ in the program.

- Reliability
- Stability
- **Inconsistency** PG#41
- Consistency

بری صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

71. The result of Exception can bring _____ in the program by not releasing resources or doing some other type of cleanup.

- **Inconsistent State** PG#41
- Inconsistent State
- Duplicate State
- None of the given options

Exception can leave your program in an inconsistent state by not releasing resources or doing some other type of cleanup.

72. Cool stands for_____.

- Class Oriented Object Language
- Consumer Oriented Object Language
- **C-like Object Oriented Language** PG#13
- C++-like Object Oriented Language

The initial name was “Cool”, which stood for “C -like Object Oriented

73. Graphical user interfaces and the event-driven model is not applied on which of the following?

- Web Application
- **Console Application** PG#4
- Mobile Application
- Desktop Application

Graphical user interfaces and the event-driven model as applied to desktop, web, and mobile applications.

اللہ کا خوف سب سے بڑی دانائی ہے

74. The easiest way to declare an event is to put the event keyword in front of a _____ member.

- ☐ Interface
- ☒ **Delegate** [Click here for more detail](#)
- ☐ Class
- ☐ Struct

75. Events are based on the principle of _____.

- ☐ Request
- ☐ Response
- ☐ Coupling
- ☒ **Decoupling** **PG#13**

Events are based on the principle of decoupling.

76. _____ methods do not have names.

- ☐ Attribute
- ☒ **Anonymous** **PG#47**
- ☐ None of given
- ☐ Non-Anonymous

Anonymous method is a method without a name.

77. _____ is an entity that receives events from the system.

- ☐ Event Producer
- ☒ **Event Consumer** **PG#11**
- ☐ Event Channel
- ☐ Event Generator

EVENT CONSUMER: An event consumer is an entity at the edge of an event processing system that receives events from the system.

78. An event is a list of_____.

- ☐ constants
- ☐ variable
- ☐ pointers
- ☐ **Delegates**

PG#39

Events and delegates work hand in hand.

79. _____ is an occurrence within a particular system or domain.

- ☐ Function
- ☐ **Event**
- ☐ Information
- ☐ Transaction

PG#7

So what is an event. Its an occurrence within a particular system or domain.

80. Which of the following is an occurrence within a particular system or domain?

- ☐ Object
- ☐ **Event**
- ☐ Result
- ☐ Message

PG#7

81. Which statement is true?

- ☐ A "catch" block always executes whether or not an exception is thrown and whether or not the "try" block runs to completion.
- ☐ A "finally" block executes only, when an exception is thrown and when the "try" block runs to completion.
- ☐ A "finally" block may or may not executes whether or not an exception is thrown and whether or not the "try" block runs to completion.
- ☐ **A "finally" block always executes whether or not an exception is thrown and whether or not the "try" block runs to completion. [click here for more detail](#)**

82. Clean room design is also called_____.

- Clear Room Design
- Wall Technique Design
- **Chinese Wall Technique** PG#13
- French Wall Technique

Clean room design (also known as the Chinese wall technique)

83. Clean room design is useful as a defense against _____.

- Copyright
- Trade secret infringement
- **Copyright and trade secret infringement** PG#13
- None of the given options

Clean room design is useful as a defense against copyright and trade secret infringement because it Relies on independent invention.

84. Which of the following is an entity that introduces event into the system?

- Event Channel
- Event Stream
- Event Consumer
- **Event Producer** PG#11

EVENT PRODUCER: An event producer is an entity at the edge of an event process- ing system that introduces events into the system.

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85. Anonymous methods _____ the code size.

- ☐ Double
- ☐ Expand
- ☒ **Reduce**
- ☐ Extend

PG#47

Anonymous methods result in much less code

86. Which of the following is built from request-response?

- ☐ Event-processing Architecture (EDA)
- ☐ Service-driven Architecture (SDA)
- ☒ **Service-oriented Architecture (SOA)**
- ☐ Event-based Architecture (EBA)

PG#10

Service-oriented architecture (SOA) is built from request-response.

87. The System.Console is a _____ which enables us to do Console Input and Output.

- ☐ Structure
- ☒ **Class**
- ☐ Namespace
- ☐ Library

[Click Here for More Detail](#)

88. _____ events may or may not relate to an actual occurrence.

- ☐ Observed Events
- ☐ Deducted Events
- ☒ **Probabilistic Events**
- ☐ None of the above

PG#7

Probabilistic events may or may not relate to an actual occurrence e.g. a fraud detection event on a banking transaction.

89. Which of the following events may or may not relate to an actual occurrence?

- ☐ **Probabilistic Events** **PG#7**
- ☐ Actual Events
- ☐ Real Events
- ☐ Expected Events

Probabilistic events may or may not relate to an actual occurrence e.g. a fraud detection event on a banking transaction.

90. _____ events may or may not relate to an actual occurrence

- ☐ **Probabilistic** **PG#7**
- ☐ Event properties
- ☐ Layer
- ☐ Properties

Probabilistic events may or may not relate to an actual occurrence e.g. a fraud detection event on a banking transaction.

91. _____ method reads the whole document in memory.

- ☐ **XmlDocument** **PG#49**
- ☐ XmlLine
- ☐ XPath
- ☐ XmlReader

There are two methods to read XML document. Using XmlDocument and XmlReader. XmlDocument reads entire document in memory

92. _____ method reads the whole document in memory.

- ☐ **XmlDocument** **PG#49**
- ☐ xmlReader
- ☐ xmlQuery
- ☐ xmlparse

93. Event-based programming is also known as:

- Service-oriented architecture (SOA)
- **Event-driven Architecture (EDA)**
- Service-driven Architecture (SDA)
- Event-based Architecture (EBA)

PG#10

Event-based programming, also called event-driven architecture (EDA)

94. Wait for a single event is _____ operation.

- Waiting
- Waste
- Idle
- **Blocking**

PG#8

Wait for a single event is blocking operation.

95. The Main method returns a non-zero value which indicates the_____.

- Source of Program
- **Error in Program**
- Termination of Program
- Exception in Program

[Click here for more detail](#)

خود کو تمہیں سے بڑھ کر کوئی اچھا مشورہ نہیں دے سکتا

CS411 QUIZ # 2

2014 ,2015 and 2016

From (11 to 21) Lectures

96. `System.Windows.Controls.Button b = new System.Windows.Controls.Button(); b.Content = "OK";` For the above code (written in C#) the corresponding XAML code will be:

- ☐ `<Button xmlns=http://schemas.microsoft.com/winfx/2006/xaml/presentation Content="OK"/>`
PG#63
- ☐ `<Button xmlns="OK" Content="http://schemas.microsoft.com/winfx/2006/xaml/presentation"/>`
- ☐ `<Button xmlns=http://schemas.microsoft.com/winfx/2006/xaml/presentation Event="OK"/>`
- ☐ `<Button xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation" Call="OK"/>`

97. If we want to move an object in the 2-D x-y coordinate system then which transform class will be used?

- ☐ **Translate Transform** PG#89
- ☐ Skew Transform
- ☐ Skew Transform
- ☐ Rotate Transform

98. If we want to scale an object in the 2-D x-y coordinate system then which transform class will be used?

- ☐ Rotate Transform
- ☐ Matrix Transform
- ☐ **Translate Transform** PG#89
- ☐ Skew Transform

99. Which of the following is/are not derived from “Control” class?

- ☐ ListBox
- ☐ StatusBar
- ☐ Both of above

☐ **None of the given**

[Click Here For More Detail](#)

100. Which of the following is/are not derived from “Control” class?

- ☐ ListBox
- ☐ StatusBar

☐ **None of the given**

[Click Here For More Detail](#)

☐ Button

101. WPF4 was released in _____.

- ☐ 2012
- ☐ **2010**
- ☐ 2005
- ☐ 2003

[Click here for detail](#)

102. Suppose we want to restrict the user to don't decrease the height of a WPF element from a specific amount then which property will be used?

- ☐ HeightMinimum
- ☐ MinimumHeight
- ☐ **MinHeight**
- ☐ None of the given

PG#83

خود کو تمہیں سے بڑھ کر کوئی اچھا مشورہ نہیں دے سکتا

103. Which property will be used if we want to restrict the user to don't increase the width of a WPF element from a specific amount?

- **MaxWidth** PG#91
- MaximumWidth
- WidthMaximum
- None of given options

104. XAML specification defines rules that map ".NET" namespaces, types, properties, and events into _____. I) XML namespaces II) XML elements III) XML Attributes

- Only
- Only
- **(I), (II) and (III) only** PG#63
- Only

XAML specification defines rules that map .NET namespaces, types, properties, and events into XML namespaces, elements, and attributes. Lets see XAML and equivalent C#.

105. Dependency properties are represented by _____.

- **System.Windows.DependencyProperty** PG#75
- System.Windows.Dependency.Property
- System.Windows.Dependency
- System.Windows.Property.Dependency

Dependency properties are represented by System.Windows.DependencyProperty. By convention, public static and Property suffix are used.

جو شخص ناکامیوں سے ٹر کر بھاگتا ہے کامیابی اُس سے ٹر کر بھاگتی ہے

106. Extension methods can only be defined in _____ class.

- ☐ Dynamic class
- ☐ Normal class
- ☐ String class
- ☐ **Static class**

[Click here for more detail](#)

107. Extension methods _____ access the private data members of the class in which they are extended.

- ☐ May
- ☐ **Cannot**
- ☐ May not
- ☐ Can

[Click here for more detail](#)

108. In context of XAML child element rules, if the child is plain text and a type converter exists to transform the child into the parent type (and no properties are set on the parent element), treat the child as the input to the type converter and use the output as the _____.

- ☐ **Parent object instance**
- ☐ Interface object instance
- ☐ none
- ☐ Child object instance

PG # 67

If the child is plain text and a type converter exists to transform the child into the parent type (and no properties are set on the parent element), treat the child as the input to the type converter and use the output as the parent object instance.

جو لوگوں کے سامنے فخر کرتا ہے وہ لوگوں کی نظروں سے گر جاتا ہے

109. We use "UIElement" property ClipToBounds= "True" when _____.

- ☐ We want area of child element is allowed to cross the boundary of parent
- ☐ Parent area also increases on increasing of area of child element
- ☐ None of given
- ☒ We want area child element don't cross the boundary of parent



110. BAML is compressed representation of _____.

- ☐ CAML:NS
- ☒ XAML
- ☐ XAML:NS
- ☐ CAML

PG#69

BAML is binary application markup language. It just a compressed representation of XAML.

111. AML is compressed representation of _____.

- ☐ CAML:NS
- ☒ XAML
- ☐ XAML:NS
- ☐ CAML

PG#69

عقل مند اپنے عیب خود دیکھتا ہے اور بیوقوفوں کے عیب دنیا دیکھتی ہے

112. If we exclude the mechanism of calling the objects through name then:

- **Code will not compile**
- Code will be difficult to debug
- Code will have errors
- Code will become design dependent

113. “viewbox” element use different types of stretching with the help of stretch property. There is/are _____ possible value(s) of stretch.

- 1
- **4**
- 2
- 3

114. BAML stands for:

- binary application map language
- binary application markup linkage
- **binary application markup language**
- binary application map linkage

PG#69

BAML is binary application markup language.

عقل مند آدمی اس وقت تک نہیں بولتا جب تک خاموشی نہیں ہو جاتی

115. Which is the right syntax to define an interface?

☐ **Interface imyinterface**
{
Void methodtoimplement();
}

PG#35

☐ Interface imyinterface
{
Void methodtoimplement
}

☐ Interface imyinterface
{
Void implement();
}

☐ Interface imyinterface
{
Void method();
}
Interfaces can also be inherited.

116. If we want to place a component at top in "dockpanel" then which one is correct syntax?

☐ PanelDock="Top"

☐ Dock="Top"

☐ **DockPanel.Dock="Top"**

PG#91

☐ DockPanel="Top"

<Button DockPanel.Dock="Top" Background ="Red">1 (Top)</Button >

117. Dock panel allows easy docking of elements to an entire side.

☐ **True**

PG#91

☐ False

Dock panel allows easy docking of elements to an entire side. Dock attached property has left, right, top, bottom values

خوبصورتی علم و ادب سے ہوتی ہے لباس و حسن سے نہیں

118. _____ processing operations include reading, creating, transforming, and deleting events.

- Observed Events
- **Common event** PG#8
- Deducted Events
- Probabilistic Events

Common event processing operations include reading, creating, transforming, and deleting events.

119. The _____ in the namespace indicate a hierarchy of nested namespaces.

- Arrows
- **Dots** [Click here for more detail](#)
- Semicolon
- Brackets

The dots in the namespace indicate a hierarchy of nested namespaces.

120. The interface forces each component to expose specific _____ members that will be used in a certain way.

- **Public** PG#35
- Private
- Both of above
- None of the given

The interface forces each component to expose specific public members that will be used in a certain way.

جھوٹ رزق کو کہا جاتا ہے

121. Static ctor exists to initialize class static members and called only _____.

- **Once** PG#23
- Twice
- Anytime
- All of the given

Static ctor exists to initialize class static members. Its called only once.

122. Static ctor exists to initialize class static members and has many parameters.

- True
- **False** PG #23

Static ctor exists to initialize class static members. Its called only once.

123. Interfaces define a contract.

- **True** PG#35
- False

Interfaces define a contract.

124. Additional XML namespaces (on the root or on children) must be _____ to be used on any identifiers from that namespace.

- Given a common prefix
- Qualified with “Pre” keyword
- **Given a distinct prefix** PG#63
- Qualified with “Ext” keyword

اپنی مرضی اور اللہ کی مرضی میں فرق کا نام غم ہے

125. We want the width of button should cover the whole width of StackPanel in WPF then what should be value of HorizontalAlignment property of button?

- ☐ Parent
- ☐ Whole
- ☐ Fill
- ☒ Stretch

PG#82

126. The root object element in XAML must specify at least _____ XML namespace that is used to qualify itself and any child elements.

- ☒ one
- ☐ two
- ☐ three
- ☐ five

PG#63

The root object element in XAML must specify at least one XML namespace

127. In event-driven architecture (EDA), _____ sends event to _____.

- ☐ Event Consumer, Event Producer
- ☒ Event Producer, Event Consumer
- ☐ Event Handler, Event Producer
- ☐ Event Generator, Event Producer

PG#10

128. Auto-implemented properties do not allow simplified syntax.

- ☐ True
- ☒ False

PG#30

Auto-implemented properties improve the common-case we saw. Here is the same example using auto-implemented properties. Properties have the same idea as getters and setters. They just allow simplified syntax.

ہر چیز کی ایک پہچان ہوتی ہے اور عقلمند کی پہچان غور و فکر کرنا ہے اور غور و فکر کی پہچان خاموشی ہے

129. The initial name for C# was _____.

- ☐ COAL
- ☐ COOP
- ☐ COAP
- ☒ **COOL**

PG#13

Where the name for C# comes from. The initial name was “Cool”, which stood for “C -like Object Oriented Language”.

130. Events may live _____ events like in event logs.

- ☐ Inside
- ☒ **Outside**
- ☐ Both of above
- ☐ None of the given

PG#10

131. If we run the program from within Visual Studio, the console window disappears quickly so we can use _____ to keep screen from going away.

- ☒ **Console.ReadLine()**
- ☐ Console.WriteLine()
- ☐ Console.Title
- ☐ Console.Clear

PG#15

132. Types of class members in C# are _____ and _____.

- ☐ static, instance
- ☒ **instance, static**
- ☐ public, private
- ☐ static, private

PG#22

133. Mapping to the WPF namespaces is _____ in-side the WPF assemblies.

- ☐ Specified at compile time
- ☒ **Hard-coded** PG#63
- ☐ None of the given
- ☐ Dynamically specified

134. Polymorphism needs the signatures to be the _____.

- ☐ Different
- ☒ **Same** PG#25
- ☐ Alternative
- ☐ None of the given

135. An indexer enables your class to be treated like a/an _____.

- ☐ Class
- ☐ Function
- ☒ **Array** PG#30
- ☐ Pointer

136. Reference types hold a reference to an object in memory.

- ☒ **True** PG#38
- ☐ False

137. Attributes of a program can be queried at run time through _____.

- ☒ **Reflection** [Click here for more detail](#)
- ☐ Value
- ☐ Reference
- ☐ Extension

138. Object variables are references to the _____ object not the object themselves.

- **Original** PG#20
- Alternative
- Primary
- None of the given

139. Console class can reside in multiple libraries.

- **True** PG#21
- False

140. _____ is built from request-response and it moves away from monolithic applications.

- Event-driven architecture (EDA)
- **Service-oriented architecture (SOA)** PG#10
- Both of above
- None of the given option

141. It is always possible to create an instance of a reference type.

- True
- **False** PG#14

142. CLI stands for:

- Common Language Interface
- Common Language Instruction
- **Common Language Infrastructure** PG#14
- Common Language Iteration

ایماندار کو غصہ دیر سے آتا ہے اور جلدی دور ہو جاتا ہے

143. _____ is said to be stateless if the way it processes one event does not influence the way it processes any subsequent events.

- ☐ Event Producer
- ☐ Raw Event
- ☒ **Event Processing**
- ☐ Event Stream

PG#11

144. "FrameworkElement" is the base class that adds support for _____.

- ☐ Some common mechanisms for Windows-based controls
- ☐ Data binding
- ☐ Styles
- ☒ **All of the given options**

PG#71

145. _____ is basically array of arrays.

- ☐ Stack
- ☐ Pointer
- ☒ **Jagged**
- ☐ Function

PG#18

146. The using directive can be used to rename a long namespace in the current file.

- ☒ **True**
- ☐ False

PG#21

147. Derived class is exactly the same as base.

- ☒ **True**
- ☐ False

PG#24

148. Cast back to base type to call a/an _____ method of base.

- ☐ Instance
- ☐ Base Class
- ☐ Derived Class
- ☐ **Overridden**

PG#24

149. _____ invoke derived class methods through base class reference during run-time.

- ☐ Abstraction
- ☐ **Polymorphism**
- ☐ Composition
- ☐ Association

PG#24

150. _____ are inherited by classes which provide the real implementation.

- ☐ Functions
- ☐ Variables
- ☐ **Interfaces**
- ☐ Objects

PG#35

151. An object initializer is a syntax for initializing a struct without using a ctor.

- ☐ **True**
- ☐ False

PG#35

152. Attributes add _____ to your program.

- ☐ Clearance
- ☐ Errors
- ☐ **Meta Data**
- ☐ Ambiguity

PG#41

153. Enum of one type may not be _____ assigned to an enum of another type.

- ☒ **Implicitly** PG#43
- ☐ Explicitly
- ☐ Both of above
- ☐ None of the given

154. Default value of first member is _____.

- ☒ **0** PG#44
- ☐ 1
- ☐ 2
- ☐ 3

155. Namespaces do not allow name reuse.

- ☐ True
- ☒ **False** PG#21

Namespaces allow name reuse.

156. Indexers can take any number of _____.

- ☐ Arrays
- ☐ Variables
- ☒ **Parameters** PG#31
- ☐ All of these

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيك صحبت بہتر ہے

157. Derived Event is:

- Introduced into an event processing system by an event consumer.
- **Generated as a result of event that takes place inside an event processing system.**
- Introduced into an event processing system by an event producer.
- A set of associated events.

PG#11

158. _____ is a static class in the System namespace.

- **Console**
- Pointer
- Variable
- Function

PG#15

159. Value-types hold their value in _____ where they are declared.

- Variable
- Reference
- **Memory**
- Object

PG#33

160. We can add constructors to a struct and can also overload the default ctor which initializes everything to default values.

- True
- **False**

PG#34

161. An initializer list can be used to use an alternate constructor.

- **True**
- False

PG#22

اللہ کا خوف سب سے بڑی دانائی ہے

162. C# event is a class member that is _____ whenever the event it was designed for occurs (fires).

- ☒ **Activated** PG#38
- ☐ Deactivated
- ☐ Transformed
- ☐ Associated

163. A C# _____ is a class member that is activated whenever the event it was designed for occurs (fires).

- ☒ **Event** PG#38
- ☐ Attribute
- ☐ Method
- ☐ None of the given options

164. A single exception can be handled differently.

- ☒ **True** PG#40
- ☐ False

165. WPF stands for:

- ☐ Windows Powerful Foundations
- ☐ Windows Presentation Formations
- ☒ **Windows Presentation Foundations** PG#61
- ☐ Windows Presentation Functions

166. Attribute parameters can be either positional parameters or named parameters.

- ☒ **True** PG#43
- ☐ False

ایماندار کو غصہ دیر سے آتا ہے اور جلدی دور ہو جاتا ہے

167. Which of the following statements is TRUE about raw event?

- ☒ **It is introduced into an event processing system by an event producer.**
- ☐ It is generated as a result of event processing.
- ☐ It is introduced into an event processing system by an event consumer.
- ☐ It is a subscription mechanism for events.

PG#11

168. Attributes can be used at design time by application development tools.

- ☒ **True**
- ☐ False

PG#41

169. Windows Presentation Foundations (WPF) was publicly announced in _____.

- ☐ 2000
- ☐ 2001
- ☐ 2002
- ☒ **2003**

PG#61

170. A delegate is a reference to a method.

- ☒ **True**
- ☐ False

PG#37

171. Syntax of struct and class are very _____.

- ☒ **Similar**
- ☐ Different
- ☐ Large
- ☐ Small

PG#33

زندگی میں کامیابی کا یہی راز ہے کہ پریشانیوں سے پریشان مت بنو

172. Events and _____ work hand in hand.

- ☐ Parameters
- ☒ **Delegates**
- ☐ Functions
- ☐ Data Members

PG#39

173. C# is a _____ and .NET is a _____.

- ☐ Platform, Language
- ☐ Package, Language
- ☐ Language, Package
- ☒ **Language, platform**

PG#13

C# design most directly reflects .NET (CLR) design but C# is a language and .NET is the platform.

174. Named parameters come before positional parameters.

- ☐ True
- ☒ **False**

PG#43

Positional parameters come before named parameters. There is no order requirement on named parameters.

175. Stathread is stand for:

- ☐ Single Threaded Attribute model
- ☒ **Single Threaded Apartment model**
- ☐ Single Threaded Authorized model
- ☐ Single Threaded Assumed model

PG#48

STATHread is a common attribute you will see later. It stands for Single Threaded Apartment model which is used for communicating with unmanaged COM.

جھوٹ انسان اور ایمان دونوں کا دشمن ہے

176. Structs can not have destructors.

- ☒ **True** PG#33
- ☐ False

177. Instances of value types do not have referential identity.

- ☒ **True** PG#14
- ☐ False

178. The “this” pointer in methods refers to the _____ on which the method is called.

- ☐ Function
- ☐ Class
- ☒ **Object** PG#20
- ☐ Pointer

179. Ctor return any values and it initializes class members.

- ☐ True
- ☒ **False** PG#21

Ctor does not return any values and it initializes class members.

180. _____ processing is computing that performs operations on events.

- ☐ Transactional
- ☐ Functional
- ☒ **Event** PG#8
- ☐ All of these

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيك صحبت بہتر ہے

181. _____ is an event that is introduced into an event processing system by an event producer.

- Event Producer
- Event Consumer
- **Raw Event**
- Event Stream

PG#11

182. _____ are algorithms that operate on data.

- Variables
- Functions
- **Methods**
- Classes

PG#37

183. _____ are unique types that allow you to assign symbolic names to integral values.

- Structures
- **Enumerations**
- Typedefs
- Unions

PG#43

184. Attributes are generally applied _____ in front of type and type member declarations.

- Logically
- **Physically**
- Both of above
- None of given

PG#42

وہ لوگ مبارک ہیں جو الفاظ سے نصیحت نہیں کرتے بلکہ عمل سے کرتے ہیں

185. _____let any classes behave like an array.

- ☐ Properties
- ☐ Fields
- ☐ **Indexers** [Click Here For More Detail](#)
- ☐ Finalizers

Indexers permit instances of a class or struct to be indexed in the same way as arrays. Indexers are similar to properties except that their accessors take parameters.

186. Zero-based index is used in jagged arrays.

- ☐ **True** PG#18
- ☐ False

187. _____event consumer is an entity at the edge of an event processing system that receives events from the system.

- ☐ Event Producer
- ☐ **Event Consumer** PG#11
- ☐ Event Stream
- ☐ None of the given

188. _____ are called by garbage collector.

- ☐ Constructors
- ☐ **Destructors** PG#23
- ☐ Both of above
- ☐ None of the given

اپنی مرضی اور اللہ کی مرضی میں فرق کا نام غم ہے

189. Single Threaded Apartment model is used for communicating with unmanaged COM.

- ☒ **True** PG#42
- ☐ False

Threaded Apartment model which is used for communicating with unmanaged COM

190. _____types have the notion of referential identity.

- ☐ Value
- ☒ **Reference** PG#14
- ☐ Both of above
- ☐ None of the given

191. _____ can leave your program in an inconsistent state by not releasing resources or doing some other type of cleanup.

- ☐ Functions
- ☒ **Exception** PG#41
- ☐ Abstraction
- ☐ All of these

192. Default underlying type of an enum is _____.

- ☒ **int** PG#44
- ☐ short
- ☐ long
- ☐ all of these

193. Anonymous method is a method without a name.

- ☒ **True** PG#47
- ☐ False

194. There are _____ methods to read XML document.

- ☐ **Two** PG#49
- ☐ Three
- ☐ Four
- ☐ Five

There are two methods to read XML document. Using XmlDocument and XmlReader.

195. “out” parameters which are not used for return values or the “params” argument for variable arguments.

- ☐ True
- ☐ **False** PG#20

“out” parameters which are used for return values or the “params” argument for variable arguments.

196. _____ is a base class similar to UIElement but for document-related pieces of content that don't have rendering behavior on their own.

- ☐ **ContentElement** PG#71
- ☐ VisualElement
- ☐ SystemElement
- ☐ XAMLElement

197. _____ have already happened whereas _____ are asking something to happen.

- ☐ Requests, Events
- ☐ **Events, Requests** PG#10
- ☐ Functions, Events
- ☐ Requests, Functions

وہ لوگ مبارک ہیں جو الفاظ سے نصیحت نہیں کرتے بلکہ عمل سے کرتے ہیں

198. The common type system of C# has _____ types and _____ types.

- ☐ Reference, Value
- ☒ **Value, Reference** PG#14
- ☐ Function, Data
- ☐ Data, Function

199. _____ operations are completed before the next operation can be started.

- ☐ Asynchronous
- ☒ **Synchronous** PG#8
- ☐ Both of the above
- ☐ None of the given option

200. IsNumeric(string s) is a function of _____ class.

- ☐ Math class
- ☐ Program class
- ☐ String class
- ☒ **MyUtils class** PG#54

201. _____ add declarative information to your programs.

- ☒ **Attributes** PG#40
- ☐ Functions
- ☐ Exception
- ☐ Objects

زندگی میں کامیابی کا یہی راز ہے کہ پریشانیوں سے پریشان مت بنو

202. A compiled C# file is called _____.

- ☐ Compiled File
- ☐ Source File
- ☐ **Assembly File** PG#40
- ☐ EXE File

203. To declare an anonymous method, you just use keyword “_____”.

- ☐ handler
- ☐ event
- ☐ **delegate** PG#47
- ☐ none of the given

Anonymous methods. It is used with delegates and handlers and events. Anonymous methods result in much less code. Anonymous method is a method without a name.

204. ObsoleteAttribute causes a _____ warning to appear.

- ☐ **compile-time** PG#41
- ☐ run-time
- ☐ anytime
- ☐ none of the given

ObsoleteAttribute causes a compile-time warning to appear. Such things would be difficult to accomplish with normal code.

205. All the members of interfaces are implicitly_____.

- ☐ Private
- ☐ Static
- ☐ **Public** [Click Here For More Detail](#)
- ☐ Abstract

206. _____ decouple producers and consumers.

- ☐ Requests
- ☒ **Events** PG#10
- ☐ Functions
- ☐ All of these

207. Markup extensions are invoked from _____ with explicit and consistent syntax.

- ☐ C#
- ☐ HTML
- ☒ **XAML** PG#65
- ☐ None of the given

208. The base class will have the _____ functionality of all derived classes.

- ☒ **Common** PG#24
- ☐ Specialized
- ☐ Unique
- ☐ Different

Derived class is exactly the same as base

209. There is no order requirement on named parameters.

- ☒ **True** PG#43
- ☐ False

جھوٹ انسان اور ایمان دونوں کا دشمن ہے

210. Any class, including the same class that the event is declared in, may register one of its methods with the _____.

- ☐ Delegate
- ☐ Function
- ☐ Class
- ☒ **Event** **PG#39**

211. Using XmlDocument, the order is required.

- ☐ True
- ☒ **False** **PG#50**

Using XmlDocument is easier. No order is required.

212. When the data is passed from one place to another in chunks, this data is called _____.

- ☐ Bits
- ☐ Line
- ☐ Byte
- ☒ **Stream**

213. Overloaded operators must be static and must be declared in the class for which the operator is defined.

- ☒ **True** **PG#45**
- ☐ False

214. Overloaded operators must be _____.

- ☐ Referenced
- ☒ **Static** **PG#45**
- ☐ Objective
- ☐ delegates

215. A method performs an action in a series of statements, called a _____.

- ☐ Code Block
- ☐ Method Block
- ☐ Routine Block
- ☒ **Statement Block** [Click here for more detail](#)

A method performs an action in a series of statements, called a statement block

216. _____ contacts the service provider or the server.

- ☐ Event-driven
- ☒ **Service Requester** **PG#10**
- ☐ Both of the above
- ☐ None of the given options

Service requester or client contacts the service provider or the server.

217. Polymorphism works on the basis that child class should have _____ feature/s of its parent class.

- ☐ Only one
- ☐ No
- ☐ Few
- ☒ **All**

218. A customer order can be represented as _____.

- ☐ Event
- ☐ Request
- ☒ **Event or Request** **PG#10**
- ☐ All of the given

A customer order can be represented as an event or a request:

219. XAML is a declarative programming language for creating and initializing objects.

- ☐ C#
- ☐ **XAML** PG#62
- ☐ HTML
- ☐ All of these

220. _____ may contain events.

- ☐ Requests
- ☐ Service
- ☐ **Messages** PG#10
- ☐ Applications

221. _____ reads entire document in memory.

- ☐ **Xmldocuments** PG#49
- ☐ Xmlreader
- ☐ Both of above
- ☐ None of the given

222. The _____ method is used to read the whole file at once.

- ☐ **ReadAllText("test.txt");** [Click here for more detail](#)
- ☐ ReadAll();
- ☐ Read("test.txt");
- ☐ ReadLine();

ایماندار کو غصہ دیر سے آتا ہے اور جلدی دور ہو جاتا ہے

223. XML is a stricter version of _____.

- ☐ Java
- ☐ CSS
- ☐ **HTML**
- ☐ C#

PG#48

224. g++ is a command of _____.

- ☐ Dev C++
- ☐ **Unix based system** [Click here for more detail](#)
- ☐ Windows based system
- ☐ None of the given options

g++ compiler commands on a Unix-Based system

225. Writing higher-level functions that call upon lower-level functions _____ a program.

- ☐ Decode
- ☐ Harder
- ☐ **Simplify** [Click here for more detail](#)
- ☐ Refactor

226. To use kbhit() command, you need to include which header file in your program?

- ☐ fstream.h
- ☐ stdio.h
- ☐ iostream.h
- ☐ **conio.h** [Click here for more detail](#)

عقل مند کہتا ہے میں کچھ نہیں جانتا جبکہ بے وقوف کہتا ہے کہ میں سب کچھ جانتا ہوں

227. Wpf 3.5 released in_____.

- ☐ 2005
- ☐ 2006
- ☒ 2008
- ☐ 2009

[Click here for more detail](#)

228. A (n) _____ is a subscription mechanism for events.

- ☐ Raw Event
- ☐ Event Stream
- ☒ Event Channel
- ☐ Event Producer

PG#10

229. Which of the following grabs the “OK” button by only knowing its name?

- ☐ Button okButton = (Button>window.GetName("okButton")
- ☐ Button okButton = (Button>window.getElementByName("okButton")
- ☒ Button okButton = (Button>window.FindName("okButton")
- ☐ Button okButton = (Button>window.GetButton("okButton")

PG#68

230. If we require to set components in table (column and row) format, then which panel will be used?

- ☐ StackPanel
- ☒ Grid
- ☐ TabPanel
- ☐ DockPanel

PG#92

Grid is the most versatile. Its the default panel in VS and expression blend. You arrange things in multirow multicolumn, like a table in html.

تم اچھا کرو زمانہ تم کو برا سمجھے یہ اس سے بہتر ہے کہ تم برا کرو اور زمانہ تم کو اچھا سمجھے

231. An "UIElement" receives mouse events only if "IsHitTestVisible" is _____.

- ☐ 0
- ☐ False
- ☒ Null
- ☐ True

232. "Console" is a/an _____ class in the "System" namespace.

- ☐ Virtual
- ☐ Input
- ☒ Static
- ☐ Dynamic

PG#15

233. Identify the Correct statement?

- ☐ "Struct" can add methods like interfaces and can be called in exactly the same way.
- ☐ "Interfaces" can add methods like classes and can be called in exactly the same way.
- ☒ "Struct" can add methods like classes and can be called in exactly the same way. PG#34
- ☐ "Struct" cannot add methods like classes and cannot call in exactly the same way.

234. Compiling XAML involves _____ step(s).

- ☒ Three
- ☐ Two
- ☐ One
- ☐ Four

PG#68

Compiling xaml involves 3 steps:

Converting a XAML file into a special binaryformat, embedding the converted content asa binary resource in the assembly being built,and performing the plumbing that connects XAML with procedural code automatically.

بري صحبت سے تنہائی بہتر ہے اور تنہائی سے نيك صحبت بہتر ہے

235. One of the ways to create an instance of a class is _____.

- ☐ **System array** PG#14
- ☐ Factory method
- ☐ Sequential heap
- ☐ XAML compiler

236. By convention "tunneling event" names are prefixed with _____ and just come _____ the bubbling event occurs.

- ☐ View, after
- ☐ View, before
- ☐ **Preview, before** PG#109
- ☐ Preview, after

237. A _____ block has access to an "Exception" object that contains information about the error.

- ☐ Throw
- ☐ **Catch** [Click Here For More Detail](#)
- ☐ Try
- ☐ Finally

238. Whenever an attribute value is enclosed in curly braces "{}", the XAML compiler/parser treats it as a/an _____ rather than a/an _____.

- ☐ Markup event, property
- ☐ Markup property, Event
- ☐ Literal string, Markup extension value
- ☐ **Markup extension value, literal string** PG#73

اللہ کا خوف سب سے بڑی دانائی ہے

239. Which of the following is Not a routing strategy?

- ☐ Tunneling
- ☐ **Indirect** PG 117
- ☐ Bubbling
- ☐ Direct

240. A (n) _____ is a component of the structure of an event.

- ☐ **Event Attribute** PG#15
- ☐ Event Request
- ☐ Event Response
- ☐ Event Architecture

241. In Visual Studio 2012, expression blend is _____ WPF feature.

- ☐ 80%
- ☐ **100%** PG#69
- ☐ 90%
- ☐ 70%

WPF and expression blend is 100% WPF and is great for designing and prototyping WPF apps.

242. Routed events are like _____ on top of .Net properties.

- ☐ Event properties
- ☐ Layer
- ☐ Properties
- ☐ **Dependency properties** PG#116

دنیا میں سب سے مشکل کام اپنی اصلاح اور سب سے آسان کام دوسروں پر نکتہ چینی کرنا ہے

243. _____helps apps remain oblivious to the visual tree.

- Routed Events
- **Input Events**
- Output Events
- Obvious Events

PG #116

244. _____where multiple GUI elements and many sources of events exist.

- **Visual programming**
- Event properties
- Control Language Interface
- Content property

PG#08

245. Event-based programming, also called_____.

- **Event-driven architecture**
- Event properties
- Layer
- Output Events

PG#10

246. Methods are _____that operate on data.

- **Algorithms**
- Variable
- Pointer
- Function

PG#43

جو لوگوں کے سامنے فخر کرتا ہے وہ لوگوں کی نظروں سے گر جاتا ہے

247. When your C# program is compiled, it creates a file called a/an_____, which is normally an executable or DLL library.

☐ C++

☐ **Assembly**

PG#41

☐ Text

☐ BIOS

248. Attribute parameters can be either _____ parameters or named parameters.

☐ Function

☐ Method

☐ Value

☐ **Positional**

PG#43

249. Attribute parameters can be either positional parameters or _____ parameters.

☐ **Name**

PG#43

☐ Static

☐ Global

☐ None Of the given options

250. WPF element in "DockPanel" has property "dock". There is/are _____ possible value(s) of "dock" property.

☐ two

☐ three

☐ **four**

PG#93

☐ one

عقل مند اپنے عیب خود دیکھتا ہے اور بیوقوفوں کے عیب دنیا دیکھتی ہے

251. In context of XAML child element rules, if the parent supports a content property and the type of the child is compatible with that property, treat the child as its _____.

- ☐ Super class
- ☐ Sub class
- ☐ **Value**
- ☐ Interface

PG#68

252. The _____ user interfaces, enabled by WPF, is getting a lot of attention.

- ☐ Loutish
- ☐ **Polished**
- ☐ Coarse
- ☐ Distracted

PG#61

253. With the help of WPF, an ugly looking application can be _____ by the designers.

- ☐ Rearranged
- ☐ Re-created
- ☐ **Re-themed**
- ☐ Rejected

PG#61

254. If we want to rotate an object clockwise about a specified point in a 2-D x-y coordinate system then which transform class will be used?

- ☐ **None of given**
- ☐ Translate Transform
- ☐ Skew Transform
- ☐ Scale Transform

PG#87

خوبصورتی علم و ادب سے ہوتی ہے لباس و حسن سے نہیں

255. All elements of WPF have following property/properties.

- Width
- None of given options
- **Height and Width**
- Height

256. Which of the following is/are characteristic (s) of exception class?

- It has a message property
- It contains a stacktrace
- It has toString method
- **All of the given options**

[Click here for more detail](#)

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*Winning is not everything,
but wanting to win is
everything.....
Go Ahead.... Best Of Luck !*