**Introduction to Winforms**

1. A \_\_\_\_\_\_\_\_\_\_\_\_ is a control that consists of other controls

1. Component
2. Container
3. Parent
4. MDI

2, Consider the following scenario

A programmer is creating an application for a company. , he has designed a application such a way that client is able to interact using mouse and key board. Help the programmer to choose the template for his needs?

1. Windows Application
2. Class Library
3. Console Application
4. Device Application

3. Identify a CUI Application

1. NotePad
2. MS Word
3. MSPaint
4. MATLAB

4. Which of the following control serves as a repository for images?

1. PictureBox
2. ListView
3. ImageList
4. ListBox

5.The Windows Forms \_\_\_\_\_\_\_\_\_\_ is a component that raises an event at regular intervals.

A.Splitter

B.delegate

C.Timer

D.None of these

**Basic Concepts of GUI Programming**

1. This property checks whether the control responds to user interaction

A. Controls

B. Parent

C. Invalidate

D. OnPaint

E. Enable

2. You are creating an application in which you are adding tool tip. You want that when you move mouse pointer from one tool tip region to another, the tool tip should take 1 sec to appear. Which of the following value will you set for AutomaticDelay property so that ReshowDelay Property comes to 1 secs.

1. 5000 b) 1000 c) 1 d) 5

3,Most of the functionally of  the text box control is simply inherited from the …………….. class, which is also the a base class for the rich text box control.  
A) TextBoxControl  
B) RichTextBox    
C) TextBoxBase  
D) TextBox

4. We can limit the amount of text entered into TextBox control by setting ……………… property to a specific number of characters.  
A)MaxLength  
B)TotalLength  
C)TextAmount  
D) TextLimit

5. Which of the following is NOT the public properties of TextBox objects.  
A)AutoSize  
B)BackColor  
C)BulletIndent  
D) MaxLength

6. Which of the following is/are the public methods of TextBox objects.  
i) Clear    ii) Paste   iii) LoadFile   iv) Paste

A)I,iiandiiionly  
B)ii,iiiandivonly  
C)i,iiandivonly  
D) All i, ii, iii and iv

**Developing Desktop Applications**

1.Windows Forms \_\_\_\_\_\_\_\_\_ controls are used to resize docked controls at run time.

A.Timer  
B.Splitter   
C.ContextMenuStrip  
D.None of above

2, Name the event that enables the user to prevent shifting of focus from a control until all the validation rules have been met.

1. Click Event
2. OnFocus Event
3. Validating Event
4. Enable event

3. ………………… property on windows forms, gets or sets the size and location of the form on the windows desktop.  
A) Clientsize  
B) Size  
C) DesktopBounds  
D) Bounds

4, ……………. event occurs when a key is pressed while the form has the focus.  
A) Keydown  
B) Keypress  
C) Keyup  
D) KeyEnter

**Working with MDI Forms**

1. A programmer has added a form to his project and set its IsMDIContainer property to true. Now he has added a button control to MDI form and written the following code on its click event. The purpose of the code is that whenever a use clicks the button a new child form with text and name child-number is displayed. The number is equal to the number of the child forms added. But when he executed the program and clicked on the button a new child form is loaded the text and name always appear to be Child-1 . What is the error in the code?

Private void button1\_click(Object sender,EventArgs e)

{

Int i=0; i+=1;

Form childForm=new Form();

childForm.MdiParent=this;

childform.Name=”Child-“+I;

childform.Text=”Child-“+I;

childform.Show();

}

1. Instead of writing : childForm.Name=”Child-“+I;

childForm.Text=”Child-“+I;

the programmer should write:

childForm.Name=”Child-“+I;

childForm.Text=”Child-“+I;

1. The code should be written like this:

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childForm.Show();

childForm.MdiParent=this;

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childForm.Text=”Child-“+I;

}

1. The variable I should be declared and initialized outside the click event as public or static

2. Which of the following statements are correct?  
  
A: The ActiveMDIChild property returns the Active child form that has the focus or that was most recently active form  
B: The ActiveControl property also returns the child form that has the focus or that was most recently active form.

a) A is true and B is false

b) A is false and B is true

c) A and B is true

d) A and B is false

3. All the classes that inherit from the CommonDialog class override the \_\_\_\_\_\_\_\_\_\_\_ method to create a specific dialog box.

1. Form
2. Control
3. RunDialog
4. Dialog

4. You can add images to the ToolStrip button control by setting the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ property of the ToolStrip button control.

1. imageIndex
2. ToolStripIndex
3. SelectedIndex
4. ToolIndex

5. Which property is used to trap the button that a user clicks in the Print dialog box?

1. DialogResult Property
2. Document Property
3. Filter Property
4. Tag Property

6. Name the method which is used to show the dialog box?

1. Show()
2. ShowDialog()
3. Dialog()
4. Load()

**Working with Menus**

1.The \_\_\_\_\_\_\_\_\_\_ control provides a shortcut menu that you associate with a control.

A.ContextMenuStrip   
B.ToolStrip  
C.ToolStripTextBox

2. Programmer wants to associate a context menu with a form or control. Identify the steps he has to take for this.

1. 1. Click the form or control to which you want to assign the context menu.

2. In the properties window, click the ContextMenuStrip property of the form or control

3. Select the name of the ContextMenuStrip from the list available ContextMenuStrip components

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d) 1. Click the form or control to which you want to assign the context menu.

2. In the properties window , click the ContextMenuStrip property of the form or control  
 3. Select the name of the MenuStrip from the list available ContextMenuStrip components

3.Which of the following position is the default docking position of the StatusStrip control on the form?

* 1. Left
  2. Right
  3. Top
  4. Bottom

4, Which property of the ProgressBar control specifies the amount to increment the current value of the control?

* 1. Minimum
  2. Maximum
  3. Value
  4. Step