



## الاجابات نهاية الصفحة

**Q1 )Put (✓) in the front of correct statements and (x) in front of the wrong ones**

1. Solution is a part of the IDE components ( )
2. The form is a part of the Project, where the Project consists of only one Form ( )
3. The function of the property RightToLeft of the Form is to define the direction of Controls from right to left. ( )
4. The function of the property RightToLeft of the Form is to define the state of the Form on the screen in a position of Maximizing or Minimizing ( )
5. Setting the property ControlBox of the Form can control the Form in a position of Maximizing during programme.runtime. ( )
6. The property "Name" is used in showing a certain Text in the title bar of user window a name of the window. ( )
7. The property Text is used in showing a certain text the title bar of of user window. ( )
8. Setting some properties of the Form is applied to Controls which are placed on the Form. ( )
9. The effect of setting the WindowState property of the form appears only in runtime mode ( )
10. You can change the location of Command Button on the Form through Size property. ( )
11. You can change the location of Command Button on the Form through Location property. ( )
12. Placing Controls automatically on the Form on the co-ordinate (0-0) is in the middle of the Form. ( )

13. You can change the size of Label manually if AutoSize=true ( )
14. You can change the size of Label manually if AutoSize=false ( )
15. "Textbox control tool: is the only tool which has the property passwordChar ( )
16. "Textbox control tool: is the only tool which has the property AutoSize ( )
17. Combobox is the control tool that allows the user to choose one element of several elements in the smallest possible space on the form window ( )
18. Flowcharts use standard symbols and lines to represent a problem algorithm. ( )
19. You can use any Geometric shape to represent Algorithm when drawing flowcharts. ( )
20. The usual direction of the flow of a procedure or a system is from left to right or top to bottom. ( )
21. The problem means that an objective or output is required to reach. ( )
22. Flowchart can be drawn using software only and can't be drawn on paper ( )
23. The statement is written (Lbl\_Title.Font = Font("arial",30)) to adjust the property font for ( Lbl\_Title) ( )
24. The effect of all the properties appears during design mode. ( )
25. In flow chart Only one flow line should come out or from a process symbol. ( )
26. When saving the project for the first time its name is similar to the name of solution. ( )
27. The procedure name composed of (object name, event name) ( )
28. Maxlength defines the maximum number of letters which can be inserted in the TextBox ( )

29. Multiline allows multiple lines within the listbox control tool ( )
30. Sorted property defines whether the elements in the list are sorted or not. ( )
31. Documenting the program means making sure that the program is free of errors. ( )
32. Items A group of items shown in the ListBox or TextBox ( )
33. SelectionMode defines whether it is possible to choose one item or more shown in the TextBox ( )
34. Problem solving is the steps, activities, and processes to be done to reach an output or objective( )
35. The program documentation is writing down all the steps taken to solve a problem. ( )

## Q2) FILL IN THE BLANKS

1. Through the ..... we can write instructions and codes using (Visual Basic .Net) language
2. A .... contains multiple files that all work together to create a single program.
3. Text color on the Button appeared red. Because the property ... take a value red
4. ....Convert the high level language to machine
5. A (.....) is used to select one option from a group of mutually exclusive options.
6. ....Values in the memory can change.
7. .... It is one of Controls which can be placed on the Form. When click it, it does a certain task
8. .... include instruction and orders ,implemented when calling the procedure

9. The .... window contains a list of items of the current solution
10. .... The number of iterations is known previously.
11. A .....control displays a drop-down list from which one item can be selected.
12. A (.....) control is used to group other controls of same function together on the Form window
13. In .....stage we translate Flowchart (algorithm) to a program by using a programming languages
14. There are some Properties that are common to most of the such as .... **and** .....
15. ....Its purpose to go back for feedback and correction

### Q3) Choose correct answer

1. The function of "Right to Left" property of the Form is:
  - a-define the direction of Control tools from Right to Left.
  - b-Define whether the layout of ControlTools on the Form is from Right to Left.
  - c-define the state of the window in a state of maximaizing or minimaizing.
2. ControlBox property of the Form is helping to:
  - a- showing or hiding of Maximizing Box.
  - a- Control the appearance of the Form whether it is in a position of Minimaizing / Maximaizing / Normal.
  - C-Control the appearance or disappearance of ControlBox in the Form.
3. The used property in showing a certain Text on the title bar of a Form is :
  - a- Name    b-Text    c-FormBorderStyle
4. On setting some properties of the Form, they are applied on Control Tools Which are placed on the Form (one of them is):

a-Name    b-Forecolor    c-Text

5. The effect of setting this property doesn't appear unless in runtime mode (This property is):

a-FormBorderStyle    b-WindowState    c-RightToLeft

6. property which is responsible for the size, shape and effect of the Text font shown on the Button is :

a-BackColor    b-Forecolor    c-Font

7. You can change the position of the Button on the Form through the following processes except for:

a-drag and drop by the mouse    b-setting Size property  
c-setting Location proper

8. You can change the position of the Button on the Form through:

a.setting Location property    b-setting Size property    c-the eight squares around the Button

9. On inserting any ControlTool by pressing D-Click from the ToolBox on the Form , the appropriate place to be shown is :

A-coordinate (0, 0)    b-the middle of the Form    c-the position of ControlTool is different according to the size of the For

10. The size of Label is defined automatically on the Form if the property is:

a-AutoSize = False    b- BorderStyle= FixedSingle    c- AutoSize=True.

11. You can change the size of control "Label" manually if the property is :

a- AutoSize = False    b- BorderStyle= FixedSingle    c- AutoSize=True

12. The following properties belong to TextBox except for:

a-AutoSize    b-MultiLine    c-MaxLength

13. The Object TextBox is marked by one property:

a-AutoSize    b-Name    c-PasswordChar

14. The right value which can be used to set the PasswordChart of the TextBox is:

a-Pw    b-True    c-\*

15. The ListBox and ComboBox share in this property:

a-Suggest   b-Item   c-SelectionMode

16. The ControlTool which is used in containing a group of controls that have the same function on the Form is:

a-ComboBox   b-ListBox   c-GroupBox

17. The Control tool which can be used on the Form to choose Gender of the student "male" or "female" is:

a-RadioButton   b-CheckBox   c-TextBox

18. The ControlTool which can be used on the Form and allows the user to choose more than one alternatives is :

a-RadioButton   b-GroupBox   c-CheckBox

19. The ControlTool which allows the user to choose one item of 15 in the smallest possible area on the Form is:

a-ComboBox   b-ListBox   c-RadioButton

**Q4 ) Write a VB code to**

- arrange the items in " ListBox1 ".
- enable the user to write in multiple lines in " TextBox3 ".
- set the word " Hello " on the " Button2 " when clicked.
- change the background of the " Label1 " control to the Blue color.
- to change the foreground of the " Label1 " control to the Red color. Label 1

- that enables you to control the size of the Control ( Label1 ) using mouse pointer.
- to make " TextBox2 " doesn't take more than 10 characters.
- change the font appeared on " Textbox1 " to "Arial" and the font size to 14.

Q5) What is the IDE components?





## الاجابات نهاية الصفحة

**Q1 )Put (✓) in the front of correct statements and (x) in front of the wrong ones**

36. Solution is a part of the IDE components (✓)
37. The form is a part of the Project, where the Project consists of only one Form (x)
38. The function of the property RightToLeft of the Form is to define the direction of Controls from right to left. (✓)
39. The function of the property RightToLeft of the Form is to define the state of the Form on the screen in a position of Maximizing or Minimizing. (x)
40. Setting the property ControlBox of the Form can control the Form in a position of Maximizing during programme.runtime. (x)
41. The property "Name" is used in showing a certain Text in the title bar of user window a name of the window. (x)
42. The property Text is used in showing a certain text the title bar of of user window. (✓)
43. Setting some properties of the Form is applied to Controls which are placed on the Form. (✓)
44. The effect of setting the WindowState property of the form appears only in runtime mode (✓)
45. You can change the location of Command Button on the Form through Size property. (x)
46. You can change the location of Command Button on the Form through Location property. (✓)



47. Placing Controls automatically on the Form on the co-ordinate (0-0) is in the middle of the Form. (x)
48. You can change the size of Label manually if AutoSize=true (x)
49. You can change the size of Label manually if AutoSize=false (✓)
50. "Textbox control tool: is the only tool which has the property passwordChar (✓)
51. "Textbox control tool: is the only tool which has the property AutoSize (x)
52. Combobox is the control tool that allows the user to choose one element of several elements in the smallest possible space on the form window (✓)
53. Flowcharts use standard symbols and lines to represent a problem algorithm. (✓)
54. You can use any Geometric shape to represent Algorithm when drawing flowcharts. (x)
55. The usual direction of the flow of a procedure or a system is from left to right or top to bottom. (✓)
56. The problem means that an objective or output is required to reach. (✓)
57. Flowchart can be drawn using software only and can't be drawn on paper (x)
58. The statement is written (Lbl\_Title.Font = Font("arial",30)) to adjust the property font for ( Lbl\_Title) (x)
59. The effect of all the properties appears during design mode. (x)
60. In flow chart Only one flow line should come out or from a process symbol. (✓)
61. When saving the project for the first time its name is similar to the name of solution. (✓)

62. The procedure name composed of (object name, event name) (✓)
63. Maxlength defines the maximum number of letters which can be inserted in the TextBox (✓)
64. Multiline allows multiple lines within the listbox control tool (x)
65. Sorted property defines whether the elements in the list are sorted or not. (✓)
66. Documenting the program means making sure that the program is free of errors. (x)
67. Items A group of items shown in the ListBox or TextBox (x)
68. SelectionMode defines whether it is possible to choose one item or more shown in the TextBox (x)
69. Problem solving is the steps, activities, and processes to be done to reach an output or objective (✓)
70. The program documentation is writing down all the steps taken to solve a problem. (✓)

## Q2) FILL IN THE BLANKS

16. Through the **Code window** we can write instructions and codes using (Visual Basic .Net) language
17. A **project** contains multiple files that all work together to create a single program.
18. Text color on the Button appeared red. Because the property **ForeColor** take a value red
19. ....Convert the high level language to machine **Interpreter**
20. A **(RadioButton)** is used to select one option from a group of mutually exclusive options.

21. **Variables** Values in the memory can change.
22. ....**button** It is one of Controls which can be placed on the Form. When click it, it does a certain task
23. **Procedures** include instruction and orders ,implemented when calling the procedure
24. The **Solution explorer** window contains a list of items of the current solution
25. **In looping flowchart** The number of iterations is known previously.
26. A **ComboBox** control displays a drop-down list from which one item can be selected.
27. A (**GroupBox**) control is used to group other controls of same function together on the Form window
28. In ...**Program design** ....stage we translate Flowchart (algorithm) to a program by using a programming languages
29. There are some Properties that are common to most of the such as ....**Text ....., BackColor and ForeColor**
30. ....**Program Documentation**.....Its purpose to go back for feedback and correction

Q3) Choose correct answer

20. The function of "Right to Left" property of the Form is:  
c-define the direction of Control tools from Right to Left.  
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- arrange the items in " ListBox1 ".

**ListBox 1 . Sorted = True**

- enable the user to write in multiple lines in " TextBox3 ".

**TextBox 3 . MultiLine = True**

- set the word " Hello " on the " Button2 " when clicked.

**Button 2 . Text = " Hello "**

- change the background of the " Label1 " control to the Blue color.

**Label 1 . BackColor = Color . Blue**

- to change the foreground of the " Label1 " control to the Red color. Label 1

**. ForeColor = Color . Red**

- that enables you to control the size of the Control ( Label1 ) using mouse pointer.

**Label 1 . AutoSize = False**

- to make " TextBox2 " doesn't take more than 10 characters.

**TextBox 2 . MaxLength = 10**

- change the font appeared on " Textbox1 " to "Arial" and the font size to 14.

**Textbox1. Font = New Font ( " Arial " , 14)**

**Q5) What is the IDE components?**

- 1- Form Window
- 2-** Toolbox Window
- 3-** Properties Window
- 4- Solution Explorer