1. الإسم الرباعي (بالعربي فقط) *

شيماء علي عبد الحميد خميس

2. رقم الجلوس *

162017081

3. المستوي *

○ الاول

○ الثاني

○ الثالث

○ رابعة 2013

○ رابعة 2014

○ رابعة 2015

○ رابعة 2016

● رابعة 2017

4. البرنامج *

● عام

○ بايو

○ هندسة

5. رقم المعمل *

| ٣ج | ⌄ |

6. رقم الكمبيوتر *

| 19 |

7. الكود (قد تمت مراجعة بيانات الطالب ورقم الجلوس) *

| GH90 |

8. The NumericUpDown control is used to specify a range of input values.
   (1 Point)

○ True

○ False

9. The remainder operator (%) can be used only with integer operands.
   (1 Point)

   ● True

   ○ False

10. An array can store only values of the same type.
    (1 Point)

    ○ True

    ● False

11. C# provides the arithmetic compound assignment operators +=, -=, *=, /= and
    %= for abbreviating assignment expressions.
    (1 Point)

    ● True

    ○ False

12. All mouse events use the same event arguments class.
    (1 Point)

    ● True

    ○ False

13. CheckBoxes are used to represent a set of mutually exclusive options.
    (1 Point)

○ True

◉ False

14. Method Start of class Process can open files and web pages, similar to the Run command in Windows.
(1 Point)

○ True

◉ False

15. The integer after the comma (,) in a format item (e.g., {0,4}) indicates the field width of the displayed string.
(1 Point)

◉ True

○ False

16. Visual C# files use the file extension .csharp.
(1 Point)

○ True

◉ False

17. A selection statement specifies that an action is to be repeated while some condition remains true.
(1 Point)

○ True

◉ False

18. An array index must be an integer or an integer expression.
(1 Point)

○ True

◉ False

19. Some mouse events use EventArgs, others use MouseEventArgs.
(1 Point)

◉ True

○ False

20. Menu items can display ComboBoxes, checkmarks and access shortcuts.
(1 Point)

○ True

◉ False

21. A Label's text cannot be edited by the user.
(1 Point)

◉ True

○ False

22. Which of the conversions are valid for the following C# code?

```
1.  static void Main(string[] args)
2.  {
3.      int a = 22;
4.      long b = 44;
5.      double c = 1.406;
6.      b = a;
7.      c = a;
8.      a = b;
9.      b = c;
10. }
```

(1 Point)

- ⊙ c = a, b = c

- ⊙ a = c, b = a

- ⊙ b = a, c = a

- ◉ All of the mentioned

23. A multicast event or delegate can be used to call multiple methods.
(1 Point)

- ⊙ True

- ◉ False

24. Only an MDI parent window can have MDI children. An MDI parent window cannot be an MDI child.
(1 Point)

- ⊙ True

- ◉ False

25. What will be the output of the following C# code?

```
1.    int i, j = 1, k;
2.    for (i = 0; i < 3; i++)
3.    {
4.        k = j++ - ++j;
5.        Console.Write(k + " ");
6.    }
```

(1 Point)

○ -4 -3 -2

○ -6 -4 -1

◉ -2 -2 -2

○ -4 -4 -4

26. A Label displays text that a user running an app can edit.
(1 Point)

○ True

◉ False

27. Correct Declaration of Values to variables 'a' and 'b'?
(1 Point)

○ int a = 32, b = 40.6;

◉ int a = 42; b = 40;

○ int a = 32; int b = 40;

○ int a = b = 42;

28. The unary cast operator (double) creates a temporary integer copy of its operand.
(1 Point)

○ True

○ False

29. The KeyData property includes data about modifier keys.
    (1 Point)

    ○ True

    ● False

30. What will be the output of the following program?
    public static void Main(string[] args)
      {
        int a = 1, b = 2, c = 3;
        Console.Write ((a*b)+(b*c));
        Console.Write ((a*b)+(b*c)-c);
      }
    (1 Point)

    ● 8, 5

    ○ 9, 5

    ○ 7, 5

    ○ 9, 6

31. All Forms, components and controls are classes.
    (1 Point)

    ● True

    ○ False

32. All arrays start with _____ index.
    (1 Point)

○ 1

◉ 0

○ -1

○ 0.0

33. GUIs are event driven.
    (1 Point)

◉ True

○ False

34. What will be the output of the following program?
    ```
    int i = 0;
    for(;;)
    {
        if (i < 5)
            Console.Write(i);
        else
            break;
        i++;
    }
    ```
    (1 Point)

◉ 0 1 2 3 4

○ 1 2 3 4 5

○ Infinite loop

○ Compile-time error

35. Which of the following is a correct way to initialize an array?
    (1 Point)

○ int[] arr = int[]{1, 2, 3, 4, 5};

- ○ int[] arr = {1, 2, 3, 4, 5};

- ○ var arr = {1, 2, 3, 4, 5};

- ● int[5] arr = {1, 2, 3, 4, 5};

36. A control's tool tip text is set with the ToolTip property of class Control.
(1 Point)

- ● True

- ○ False

37. RadioButtons are used to represent a set of mutually exclusive options.
(1 Point)

- ● True

- ○ False

38. MDI child windows can be moved outside the boundaries of their parent window.
(1 Point)

- ○ True

- ● False

39. Auto-implemented properties cannot be initialized in their declarations.
(1 Point)

- ○ True

- ● False

40. 10 > 9 ? "10 is greater than 9" : "9 is greater than 10" is an example of _____
(1 Point)

○ Ternary operator

◉ Conditional operator

○ Greater than operator

○ Inverse operator

41. The default label is required in the switch selection statement.
(1 Point)

○ True

◉ False

42. An interpolated string must begin with a $ before the string literal.
(1 Point)

◉ True

○ False

43. Listing cases consecutively with no statements between them enables the cases to perform the same set of statements.
(1 Point)

○ True

◉ False

44. A signature TextBox masks user input with a character used repeatedly.
(1 Point)

○ True

○ False

45. There are two basic ways to create a customized control.
   (1 Point)

   ○ True

   ● False

46. A control's tool tip text is set using a ToolTip component that must be added to the app.
   (1 Point)

   ○ True

   ● False

47. Which of the following is the correct way of declaring an array in C#?
   (1 Point)

   ○ int[] intArray = new int[];

   ● int intArray[] = new int[5];

   ○ int[] intArray = new int[5];

   ○ int[5] intArray = new int[];

48. A nested control statement appears in the body of another control statement.
   (1 Point)

   ● True

   ○ False

49. The property ListView allows a menu to display a list of active child windows.
    (1 Point)

    ○ True

    ● False

50. The active control is said to have the event
    (1 Point)

    ● True

    ○ False

51. Which of the following array declaration is valid?
    (1 Point)

    ○ int[] arr = new int[5];

    ○ int[,] arr1 = new int[5,2];

    ○ int[][,] arr2 = new int[5][,];

    ● All of the above

52. The Form acts as a container for the controls that are added.
    (1 Point)

    ● True

    ○ False

53. Menus provide groups of related commands
    (1 Point)

    ○ True

False

54. Instance variables of type bool are given the value true by default.
(1 Point)

○ True

○ False

55. Both Forms and Labels have a title bar.
(1 Point)

○ True

○ False

56. To test for a range of values in a switch statement, use a hyphen (–) between the start and end values of the range in a case label.
(1 Point)

○ True

○ False

57. An expression containing the || operator is true if either or both of its operands are true.
(1 Point)

○ True

○ False

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