

Test on Vb.Net

Part A:

1. If you keep variable undeclared , it is automatically taken as to which of the following data type in visual basic?

- a. String
- b. Char
- c. Object
- d. Int

2. Which of the following applications can be developed using visual basic tool?

- a. Graphical User Interface
- b. Character User Interface
- c. Real Time
- d. All the Above

3. Find the Output.

```
Do While i < 4
    sum = sum + num(i)
    i = i + 1
Loop
avg = sum / i - 1
```

initially the i,sum and avg initialized as 0.What is the value in avg?

- a. 5
- b. 6
- c. 7
- d. 8

4. Object respond to an event by writing _____

- a. Defining Events
- b. Event Procedures
- c. Operations
- d. Defining actions

5. What is the value which is returned to the integer variable in the following code?

```
Value="Test On Vb.Net"
```

```
Data=Value.IndexOf("Vb")
```

- a. 7
- b. 8
- c. 9
- d. Compile Error

6. Find the Output of the program.

```
Dim names() As String = {" Ajay ", " Vikram ", " Vijay  
Prasad ", "Ajay Khanna "}
```

```
Dim sum As Int16 = 0
```

```
For i = 0 To names.Length - 1
```

```
    sum = sum + names(i).Trim.Length
```

```
Next
```

```
Console.WriteLine(sum)
```

- a. 31
- b. 32
- c. 33
- d. 34

7. What will be the output for the following code?

```
Dim marks as Integer={66,89,75,90,56}
```

```
Array.Reverse(marks)
```

- a. 90,89,75,66,56
- b. 66,89,75,90,56
- c. 56,66,75,89,90
- d. 56,90,75,89,66

8. Which of the following keyword is used to pass the variable's address rather than its content?

- a. ByVal
- b. ByRef
- c. ByPass
- d. ByAdd

9. Is there an error in the below code?

```
Private _dblBonus As Double  
Public ReadOnly Property Bonus As Double  
    Set(ByVal value As Decimal)  
        _dblBonus = value  
    End Set  
End Property
```

- a. No error
- b. Runtime error
- c. Compilation error
- d. Syntax error

10. Which of the two features of object oriented programming are same?
- a. Inheritance and Polymorphism
 - b. Abstraction and Polymorphism
 - c. Abstraction and Encapsulation
 - d. Encapsulation and Polymorphism
11. Which of the following feature is called as runtime polymorphism?
- a. Dynamic loading
 - b. Data hiding
 - c. Dynamic typing
 - d. Dynamic binding
12. Which of the following operator allows you to use pattern matching characters to determine whether one string is equal to another string?
- a. Like
 - b. Pattern
 - c. Match
 - d. StringMatch
13. Which type of variables of a class are not visible to applications that use the instance of that class?
- a. Public
 - b. Private
 - c. Default
 - d. Shared

14. The wrong statement about HashTable ?
- a. It is a keyed collection
 - b. It is an ordered collection
 - c. It is not an indexed collection
 - d. It is randomized collection
15. Which of the following Collection class of VB.NET uses a key as well as an index to access the items in a list?
- a. ArrayList
 - b. HashTable
 - c. SortedList
 - d. Stack
16. How many classes can a single .NET DLL contain?
- a. One
 - b. Two
 - c. None
 - d. Many

17. Choose the correct option according to given below statement.

Statement 1: A try block must be associated with at least one catch or finally block.

Statement 2: Try block can be nested.

Statement 3: Try block cannot be nested.

Statement 4: A try block must be associated with finally block.

- a. Statement 1 and 2 are correct.
- b. Only statement 3 is correct.
- c. Statement 3, and 4 are correct.
- d. Only Statement 4 is correct.

18. Which of the following statements are correct about exception handling in VB.NET?
- a. A program can contain multiple finally clauses.
 - b. finally clause will always executed, No matter whether an exception occurs or not.
 - c. A program cannot contain multiple finally clauses.
 - d. Option B and C are correct.
19. Which class in the System.IO namespace is used to read from and write to any file location in a file?
- a. File
 - b. FileInfo
 - c. FileStream
 - d. FileWriter
20. Which method in the FileInfo class creates a StreamReader with UTF-8 encoding that reads from existing text file.
- a. OpenRead()
 - b. OpenText()
 - c. Open(FileMode)
 - d. OpenUTFText()

Part B:

1. Write a program to get two input strings and remove the common letters from that strings and return the total count of letters remaining from that both string.
2. Write a program to create with the hospital bill for the patients stored in the specific folder(folder for year and month).and if the management wants to see the specific patient details (show on console window).

(implement oops , collection , file handling)