The finally block of an exception handler is:

- executed when an exception is thrown
- always executed when the code leaves any part of the Try statement
- always executed
- always executed when the code leaves any part of the Try statement, except when there is an End Statement encountered first, or a StackOverflowException is thrown.

2 Dim I as Integer = 0
   Dim X As Integer = 0
   For I = 1 To 9 Step 3
      X = I * 2
   Next

   -0  
   -30  
   -14  
   -27

3 You need to record whether users have signed up to receive e-mail from your Web application. Your solution should use the least amount of memory possible. Which data type should you choose?

- Double
- Integer
- Boolean
- Single

4 Dim X As Int16 = 1
   Do While X < 3
      X = X + 1
   Loop

   -4  
   -2  
   -3  
   -1

5 When a program calls a function, in which type of data structure is memory allocated for the variables in that function?

- A queue
- A stack
- LIFO
- A heap
6 You execute the following code.

```vba
Dim a As Integer = 6
Dim b As Integer = 4
Dim y As Integer = 7
Dim z As Integer = 2
Dim _result As Boolean = True

_result = a < (b-z) AND (Y>Z)
```

What is the value of the variable named `_result` when the code has executed?

- False
- 2
- True
- Null

7 You want to execute a set of statements 10 times. Which loop structure should you use?

- Do
- While
- For
- For...Each

8 What must you use as the condition of an If statement?

- An Object instance
- An Integer constant
- A Boolean expression
- A String variable

9 You create an If statement that specifies a condition. You need to include code that should execute if the condition is not true. What should you use?

- Finally
- Else
- Do
- Next

10 You implement a method to create an instance of a class named Shape and store it in a local variable. How do the stack and heap participate in the creation of the Shape instance?

- The Shape instance is created on the heap. The stack is not used.
- The Shape instance is created on the stack. The heap is not used.
- The Shape instance is created on the stack. The heap stores a pointer to the shape instance.
- The Shape instance is created on the heap. The stack stores a pointer to the Shape instance.
11 You need to iterate through a collection of strings and print each item in the collection. You do not know how many items are in the collection. You do not want to cast the collection to IEnumerable. Which loop structure should you use?

- For...Each
- For
- While
- Do...While

12 In a Try...Catch Finally block, where should you put code that must always execute regardless of whether an exception occurs?

- Inside the Try block
- Inside all Catch blocks
- Inside a Catch block
- Inside the Finally block

13 You need to represent a number that has decimal places requiring 15 digits of precision. Which numeric data types could you use? (Choose two)

- Single
- Double
- Integer
- Decimal

14 The Catch block of an error handler:

- records an error code and exits the exception handler.
- executes every time the code runs.
- records an error code and exits the application.
- executes when an exception is thrown.

15 You need to execute a set of statements and retain control of execution if one of three exceptions occurs. Which decision structure should you use?

- Select Case
- Try...Catch...Finally
- If...Then...Else
- If...Then
16  Dim a As Integer = 6
    Dim b As Integer = 4
    Dim c As Integer = 1
    Dim _result As Boolean

    _result = a Mod b > c

You execute the code shown in the exhibit.
What is the value of the variable result when the code has executed?

- True
- 2
- False
- Null

17  You need to execute a set of statements once, test for a condition, and then repeat execution only if the condition is true. Which loop structure should you use?

- While
- For...Each
- For
- Do

18  Which statement about classes and structures is true?

- Classes are allocated on the heap, and structures are allocated on the stack.
- Classes are allocated on the stack, and structures are allocated on the heap.
- Classes are passed by value, and structures are passed by reference.
- Classes are value types, and structures are reference types.

19  How many bytes does the Int32 allocate?

- 16
- 8
- 32
- 4
Dim parent As Boolean = False
Dim mother As Boolean = False
Dim brother As Boolean = False
Dim salutation As String = “Hello!”

If parent = True Then
    If mother = True Then
        salutation = “Hi mom!”
    Else
        salutation = “Hi dad!”
    End If
Else
    If brother = True Then
        salutation = “Hey bro!”
    Else
        salutation = “Hey sis!”
    End If
End If

-”Hello!”
-”Hey bro!”
-”Hi dad!”
-”Hey sis!”

21 In a Try...Catch...Finally block, where should you put code that must execute when a specific exception occurs?

-Inside all Catch blocks
-Inside the Finally block
-Inside a Catch block
-Inside the Try block

22 You anticipate that an exception might occur in a block of code. Which type of statement should you use to handle the exception?

-Try...Catch...Finally
-Do While
-If...Then...Else
-Do Until