

Question 1

True/False: When using string input validation it is wise to use the library function to convert the input to upper case or lowercase so case-sensitive string comparisons can be made.

Answer: <https://biology-forums.com/index.php?topic=603285>

Question 2

A program's _____ will typically be the result of the process or processes that it has performed.

Answer: <https://biology-forums.com/index.php?topic=603122>

Question 3

True/False: Checking for reasonableness of data is programmatically impossible.

Answer: <https://biology-forums.com/index.php?topic=603284>

Question 4

The word Private that appears before a field declaration, in a class definition, is known as a(n) _____.

- a. access specifier
- b. specifier
- c. Class specifier
- d. Inside specifier
- e. None of the above

Answer: <https://biology-forums.com/index.php?topic=603464>

Question 5

True/False: The sequential access file is similar to the way a cassette player works.

Answer: <https://biology-forums.com/index.php?topic=603368>

Question 6

True/False: When working with a command line interface, if a command is not entered correctly it will not work.

Answer: <https://biology-forums.com/index.php?topic=603511>

Question 7

_____ comments take up several lines and are used when lengthy explanations are required in the program.

Answer: <https://biology-forums.com/index.php?topic=603113>

Question 8

True/False: It is ideal to have one long menu in the program for users to see and make their selection.

Answer: <https://biology-forums.com/index.php?topic=603397>

Question 9

How many times will the following loop iterate?

```
Set k = 1
Do
  Display k
  Set k = k + 1
Until k > 1
```

- a. One
- b. Two
- c. Three
- d. No iterations
- e. Infinite

Answer: <https://biology-forums.com/index.php?topic=603213>

Question 10

Which of the following search algorithms should be used on large arrays if speed is important?

- a. Binary
- b. Sequential
- c. Bubble

d. Selection

e. Insertion

Answer: <https://biology-forums.com/index.php?topic=603335>

Question 11

The scope of a _____ variable begins at the variable's declaration and ends at the end of the module in which the variable is declared.

Answer: <https://biology-forums.com/index.php?topic=603164>

Question 12

True/False: The If-Then-Else statement should be used to write a single alternative decision structure.

Answer: <https://biology-forums.com/index.php?topic=603196>

Question 13

What function(s) does an interpreter perform with the instructions in a high-level programming language?

- a. Translates
- b. Compiles
- c. Compiles and Translates
- d. Executes
- e. Translates and Execute

Answer: <https://biology-forums.com/index.php?topic=603030>

Question 14

True/False: Most programming languages do not allow access to the individual characters in a string.

Answer: <https://biology-forums.com/index.php?topic=603421>

Question 15

In _____, all numeric values are written as a sequence of 1s and 0s.

Answer: <https://biology-forums.com/index.php?topic=603068>

Question 16

The _____ symbol is used to represent the inputs and outputs in the steps of the program.

Answer: <https://biology-forums.com/index.php?topic=603108>

Question 17

Which of the following is not an input validation error type?

- a. Empty input
- b. Incorrect data type
- c. Inaccurate data
- d. All of the above are input validation error types
- e. None of the above

Answer: <https://biology-forums.com/index.php?topic=603267>

Question 18

True/False: When a function finishes, it returns a value back to the part of the program that called it.

Answer: <https://biology-forums.com/index.php?topic=603258>

Question 19

In the _____ step the data is either written to the file or read from the file.

- a. opening
- b. processing
- c. closing
- d. I/O
- e. None of the above

Answer: <https://biology-forums.com/index.php?topic=603352>

Question 20

True/False: Some of the common GUI components are class, object, methods, and fields.

Answer: <https://biology-forums.com/index.php?topic=603509>