

## Multiple Choice Question

1. A local variable in Python is a variable that is,
  - a. Defined inside every function
  - b. Local to the given program
  - c. Accessible from within the function
  - d. All of these
2. Which of the following statement are the advantages of using functions?
  - a. Reduce duplication of code
  - b. Clarity of code
  - c. Reuse of code
  - d. All of these
3. The keyword that is used to define the block of statement in function?
  - a. Function
  - b. Func
  - c. Def
  - d. Pi
4. The characteristic of docstrings are
  - a. Suitable way of using documentation
  - b. Function should have a docstring
  - c. Can be accessed by `_doc()`
  - d. All of these
5. The two types of functions used in python are
  - a. Built-in and user-defined
  - b. Custom function and user function

- c. User function and system call
  - d. System function
6. \_\_\_\_\_ refers to built-in mathematical function.
- a. Sqrt
  - b. Rhombus
  - c. Add
  - d. Sub
7. The variable defined outside the function is referred as
- a. Static
  - b. Global
  - c. Automatic
  - d. Register
8. Functions without a return statement do return a value and it is
- a. Int
  - b. Null
  - c. None
  - d. Error
9. The data type of the elements in sys.argv?
- a. Set
  - b. List
  - c. Tuple
  - d. String
10. The length of sys.argv is?
- a. Total number of arguments excluding the filename
  - b. Total number of arguments including the filename
  - c. Only filename

d. Total number of arguments including Python Command

11. The syntax of keyword arguments specified in the function header?
  - a. \* followed by an identifier
  - b. \_ followed by an identifier
  - c. \*\* followed by an identifier
  - d. \_\_ followed by an identifier
12. The number of arguments that can be passed to a function is
  - a. 0
  - b. 1
  - c. 0 or more
  - d. 1 or more
13. The library that is used to create, manipulate, format and convert dates, times and timestamps in Python is
  - a. Arrow
  - b. Pandas
  - c. Scipy
  - d. Numpy
14. The command line argument is stored in
  - a. Os.argv
  - b. Sys.srgv
  - c. Argv
  - d. None
15. The command that is used to install a third-party module in python is

- a. Pip
  - b. Pipe
  - c. Install \_ module
  - d. Pypy
16. Judge the output of the following code.
- ```
Import math
Math.sqrt(36)
```
- a. Error
  - b. -6
  - c. 6
  - d. 6.0
17. The function divmod(10,20)IS evaluated as
- a. (10%20,10//20)
  - b. (10//20,10%20)
  - c. (10//20,10\*20)
  - d. (10/20,10%20)
18. Predict the output of the following code?
- ```
Def tweet():
    Print("Python Programming!")
Tweet()
```
- a. Python Programming!
  - b. Indentation Error
  - c. Syntax error
  - d. Name error
19. The output of the following code is
- ```
Def displaymessage(message,time = 1):
    Print(message * times)
```

Displaymessage("Data")

Displaymessage("science",5)

- a. Data science Science Science Science Science
- b. Data science 5
- c. DataDataDataDataDataData Science
- d. DataDataDataDataDataData

20. Guess the output of the following code

```
Def quad(x):
```

```
    Return x*x*x*x
```

```
x = quad(3)
```

```
print(x)
```

- a. 27
  - b. 9
  - c. 3
  - d. 81
21. the output of the following cod is

```
Def add(*args):
```

```
    X = 0
```

```
    For i in args:
```

```
        X += i
```

```
    Return x
```

```
Print(add(1, 2, 3,))
```

```
Print(add(1, 2, 3, 4, 5))
```

- a. 16 15
- b. 6 15
- c. 1 2 3

d. 1 2 3 4 5

22. Gauge the output of the following code.

```
Def foo():
```

```
    Return total + 1
```

```
Total = 0
```

```
Print(foo())
```

a. 1

b. 0

c. 11

d. 00

23. The default argument specified in the function header is an

a. Identifier followed by an = and the default value

b. Identifier followed by the default value within back-ticks

c. Identifier followed by the default value within []

d. Identifier followed by an #.