

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 #.