

Python Functions Quiz Part-1

Python Functions Quiz Part-1 (Beginner Level)

Python Functions Quiz Part-1 for Beginner Programmers

Q-1. What Is The Default Return Value For A Function That Does Not Return Any Value Explicitly?

- A. None
- B. int
- C. double
- D. public
- E. null

Q-2. Which Of The Following Items Are Present In The Function Header?

- A. function name
- B. function name and parameter list
- C. parameter list
- D. return value

Q-3. Which Of The Following Enclose The Input Parameters Or Arguments Of A Function?

- A. brackets
- B. parentheses
- C. curly braces
- D. quotation marks

Q-4. Which Of The Following Keywords Marks The Beginning Of The Function Block?

- A. fun
- B. define
- C. def
- D. function

Q-5. What Is The Name Given To That Area Of Memory, Where The System Stores The Parameters And Local Variables Of A Function Call?

- A. a heap
- B. storage area
- C. a stack
- D. an array

Q-6. Which Of The Following Function Definition Does Not Return Any Value?

- A. a function that prints integers from 1 to 100.
- B. a function that returns a random integer from 1 to 100.
- C. a function that checks whether the current second is an integer from 1 to 100.
- D. a function that converts an uppercase letter to lowercase.

Q-7. Which Of The Following Statements Correctly Represent The Function Body In The Given Code Snippet?

```
def f(number):
```

```
    # Missing function body
```

```
print(f(5))
```

A. return "number"

B. print(number)

C. print("number")

D. return number

Q-8. What Is The Output Of The Following Code Snippet?

```
def func(message, num = 1):
```

```
print(message * num)
```

```
func('Welcome')
```

```
func('Viewers', 3)
```

A. Welcome

Viewers

B. Welcome

ViewersViewersViewers

C. Welcome

Viewers,Viewers,Viewers

D. Welcome

Q-9. What Is The Output Of The Following Code Snippet?

```
def myfunc(text, num):
```

```
    while num > 0:
```

```
        print(text)
```

```
        num = num - 1
```

```
myfunc('Hello', 4)
```

A. HelloHelloHelloHelloHello

B. HelloHelloHelloHello

C. invalid call

D. infinite loop

Q-10. Which Of The Following Would You Relate To A Function Call Made With An Argument Passed As Its Parameter?

- A. function invocation
- B. pass by value
- C. pass by reference
- D. pass by name

Q-11. What Is The Output Of The Following Code Snippet?

```
def func(x = 1, y = 2):
```

```
    x = x + y
```

```
    y += 1
```

```
    print(x, y)
```

```
func(y = 2, x = 1)
```

- A. 1 3
- B. 2 3
- C. The program has a runtime error because x and y are not defined.
- D. 3 2
- E. 3 3

Q-12. What Is The Output Of The Following Code Snippet?

```
num = 1
```

```
def func():
```

```
num = 3  
print(num)
```

```
func()  
print(num)
```

- A. 1 3
- B. 3 1
- C. The program has a runtime error because x is not defined.
- D. 1 1
- E. 3 3

Q-13. What Is The Output Of The Following Code Snippet?

```
num = 1  
def func():  
    num = num + 3  
    print(num)
```

```
func()  
print(num)
```

- A. 1 4
- B. 4 1
- C. The program has a runtime error because the local variable 'num' referenced before assignment.
- D. 1 1
- E. 4 4

Q-14. What Is The Output Of The Following Code Snippet?

```
num = 1  
  
def func():  
    global num  
    num = num + 3  
    print(num)
```

```
func()  
print(num)
```

- A. 1 4
- B. 4 1
- C. The program has a runtime error because the local variable 'num' referenced before assignment.
- D. 1 1
- E. 4 4

Q-15. What Is The Output Of The Following Code Snippet?

```
def test(x = 1, y = 2):  
    x = x + y  
    y += 1  
    print(x, y)
```

```
test()
```

- A. 1 3
- B. 3 1

C. The program has a runtime error because x and y are not defined.

D. 1 1

E. 3 3

Q-16. What Is The Output Of The Following Code Snippet?

```
def test(x = 1, y = 2):
```

```
    x = x + y
```

```
    y += 1
```

```
    print(x, y)
```

```
test(2, 1)
```

A. 1 3

B. 2 3

C. The program has a runtime error because x and y are not defined.

D. 3 2

E. 3 3

Q-17. What Is The Output Of The Following Code Snippet?

```
def test(x = 1, y = 2):
```

```
    x = x + y
```

```
    y += 1
```

```
    print(x, y)
```



```
test(y = 2, x = 1)
```

A. 1 3

B. 2 3

C. The program has a runtime error because x and y are not defined.

D. 3 2

E. 3 3

Q-18. Which Of The Following Function Headers Is Correct?

A. `def f(a = 1, b):`

B. `def f(a = 1, b, c = 2):`

C. `def f(a = 1, b = 1, c = 2):`

D. `def f(a = 1, b = 1, c = 2, d):`

Q-19. What Is The Output Of The Following Code Snippet?

```
exp = lambda x: x ** 3
```

```
print(exp(2))
```

A. 6

B. 222

C. 8

D. None of the above

Q-20. What Is The Output Of The Following Code Snippet?

```
myList = [lambda x: x ** 2,  
          lambda x: x ** 3,  
          lambda x: x ** 4]
```

```
for f in myList:
```

```
    print(f(3))
```

A. 27

81

343

B. 6

9

12

C. 9

27

81

D. 8

27

64