

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020079
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1. What is the following function reverses objects of list in place?
  1. `list.reverse()`
  2. `list.sort([func])`
  3. `list.pop(obj=list[-1])`
  4. `list.remove(obj)`
2. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?
  1. `**`
  2. `//`
  3. `is`
  4. `not in`
3. What is the following function gives the total length of the list?
  1. `cmp(list)`
  2. `len(list)`
  3. `max(list)`
  4. `min(list)`
4. For tuples and list which is correct?
  1. List and tuples both are mutable.
  2. List is mutable whereas tuples are immutable.
  3. List and tuples both are immutable.
  4. List is immutable whereas tuples are mutable.
5. Which of the following function convert a String to a list in python?
  1. `repr(x)`
  2. `eval(str)`
  3. `tuple(s)`

4. `list(s)`
6. What is the output of the code?
 

```
def f():
    try:
        return(1)
    finally:
        return(2)
k=f()
print(k)
```

  1. 1 2
  2. 2 1
  3. 2
  4. Error
7. Which of the following environment variable for Python is an alternative module search path?
  1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
8. What will be the output of the following Python code?
 

```
def foo(): try: return 1 finally: return 2 k = foo() print(k)
```

  1. 1
  2. 2
  3. 3
  4. error, there is more than one return statement in a single try-finally block
9. What is output for `min("hello world")`
  1. e
  2. a blank space character
  3. w
  4. None of the above.
10. Which of the following function converts a string to all lowercase?
  1. `lower()`
  2. `lstrip()`
  3. `max(str)`
  4. `min(str)`
11. rect way to draw a line in canvas tkinter?

1. `line()`
  2. `canvas.create_line()`
  3. `create_line(canvas)`
  4. None of the above
12. Analyze the code:
- ```
print("Recursive Function")  
def factorial(n):  
    return(n*factorial(n-1))  
factorial(4)
```
1. Recursive Function 24.
  2. Recursive Function.
  3. Function runs infinitely and causes a `StackOverflowError`.
  4. Syntax Error.
13. Syntax error in python is detected by \_\_\_\_\_ at \_\_\_\_\_
1. compiler/ compile time
  2. interpreter/ run time
  3. compiler/ run time
  4. interpreter/ compile time
14. Which of the following is required to create a new instance of the class?
1. A constructor
  2. A class
  3. A value-returning method
  4. A None method
15. What should be given in range of the given below code to print nothing in output?
- ```
for i in range(?):  
    print(i)
```
1. 0.1
  2. 0
  3. NULL
  4. 1
16. What is the output of `print str * 2` if `str = 'Hello World!'`?
1. Hello World!Hello World!
  2. Hello World! \* 2
  3. Hello World!

4. None of the above.
17. Which of the following function convert a string to a float in python?
1. `int(x [,base])`
  2. `long(x [,base] )`
  3. `float(x)`
  4. `str(x)`
18. Pylab is a package that combine \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ into a single namespace.
1. Numpy, scipy and matplotlib
  2. Numpy, matplotlib and pandas
  3. Numpy, pandas and matplotlib
  4. Numpy, scipy and pandas
19. What is output for:
- ```
a = ['hat', 'mat', 'rat']
'rhyme'.join(a)
```
1. `['hat','mat','rat','rhyme']`
  2. `'hatmatratrhyme'`
  3. `['hat mat rat rhyme']`
  4. `'hatrhymematr rhyme rat'`
20. What will be the output of the following Python code?
- ```
try:
    if '1' != 1:
        raise "someError"
    else:
        print("someError has not occurred")
except "someError":
    print ("someError has occurred")
```
1. someError has occurred
  2. someError has **not** occurred
  3. invalid code
  4. none of the mentioned