

Python-PrepTerm Quiz

Code:	MT2020072
--------------	-----------

- Which of the following function converts a string to all lowercase?
 - `lower()`
 - `rstrip()`
 - `max(str)`
 - `min(str)`
- Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
 - Syntax error
 - Runtime error
 - Logical error
 - All of the above
- What is the following function returns item from the list with max value?
 - `cmp(list)`
 - `len(list)`
 - `max(list)`
 - `min(list)`
- Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?
 - `**`
 - `//`
 - `is`
 - `not in`
- 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.
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. What is output of following code:

```
num=3  
while True:  
    if (num%0o12 == 0):  
        break  
print(num)  
num += 1
```

1. 3 4 5 6 7 8 9 10 11 12
 2. 3 4 5 6 7 8 9
 3. 3 4 5 6 7 8 9 10 11
 4. None of the above
8. What will be the output of the following code snippet?

```
class Sales:  
    def _init_(self, id):  
        self.id = id  
        id = 100  
  
val = Sales(123)  
print (val.id)
```

1. SyntaxError, this program will not run
2. 100
3. 123
4. None of the above

9. What is the output of the following code?

```
def nprint(message, n):  
    while(n > 0):  
        print(message)  
        n-=1  
    nprint('z', 5)
```

1. zzzz
2. zzzzz
3. Syntax Error
4. Infinite Loop

10. Using the pack manager, how you can you put the components in a container in the same row?

1. Component.pack(side= 'LEFT')
2. Component.pack('Left')
3. Component.pack(side=LEFT)
4. Component.pack(Left-side)

11. What will be the output of the below given code?

```
colors = ["white", "Black", "Grey"]  
x = "Red" not in colors
```

1. Yes
2. No
3. Error: not in not defined
4. True

12. What is output for `min("hello world")`

1. e
2. a blank space character
3. w
4. None of the above.

13. Is the following Python code valid?

```
try:  
    # Do something  
except:  
    # Do something  
finally:  
    # Do something
```

1. no, there is no such thing as finally
2. no, finally cannot be used with except

3. no, finally must come before except
 4. yes
14. What is the output of `print str[2:5]` if `str = 'Hello World!'`?
1. llo World!
 2. H
 3. llo
 4. None of the above.
15. `nfig()` in Python Tkinter are used for
1. destroy the widget
 2. place the widget
 3. change property of the widget
 4. configure the widget
16. How to create a frame in Python?
1. `Frame = new.window()`
 2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`
17. What is the output of the following code?
- ```
eval("1 + 3 * 2")
```
1. 1+6
  2. 4\*2
  3. 1+3\*2
  4. 7
18. What will be the output of the following code?
- ```
for i in ['t', 'n', 'i', 'o', 'p'][::-1]:
    print(i)
```
1. t n i o p
 2. p o i n t
 3. t n i o p 1 0 -1
 4. p o i n t 1 0 -1
19. 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
20. Syntax error in python is detected by _____ at _____
1. compiler/ compile time
 2. interpreter/ run time
 3. compiler/ run time
 4. interpreter/ compile time