

Python-PrepTerm Quiz

Code:	MT2020039
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1. 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

2. 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)`

3. 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.

4. 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
5. 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.
6. 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
7. Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
 1. Syntax error
 2. Runtime error
 3. Logical error
 4. All of the above
8. 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)`
9. 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
10. rect way to draw a line in canvas tkinter?
1. `line()`
 2. `canvas.create_line()`
 3. `create_line(canvas)`
 4. None of the above
11. What is the following function sorts a list?
1. `list.reverse()`
 2. `list.sort([func])`
 3. `list.pop(obj=list[-1])`
 4. `list.remove(obj)`
12. Syntax error in python is detected by _____ at _____
1. compiler/ compile time
 2. interpreter/ run time
 3. compiler/ run time
 4. interpreter/ compile time
13. What is the output for:
- ```
'you are doing well'[2:999]
```
1. `'you are doing well'`
  2. `' '`
  3. Index error.
  4. `'u are doing well'`
14. What will be the output of the following code?
- ```
minidict = { 'name': 'TutorialsPoint', 'name': 'website' }  
print(minidict[ 'name' ])
```
1. TutorialsPoint
 2. Website
 3. `('TutorialsPoint', 'website')`
 4. It will show an Error.
15. 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.

16. 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

17. 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

18. 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.

19. What will be the output of the code?

```
z = "Best website is Tutorials Point"
z.find("Tutorials")
```

1. 3
2. 13
3. 17
4. 16

20. Which of the following statements are correct about the given code snippet?

```

class A:
    def _init_(self, i = 0):
        self.i = i

class B(A):
    def _init_(self, j = 0):
        self.j = j

def main():
    b = B()
    print(b.i)
    print(b.j)

main()

```

1. Class B inherits A, but the data field 'i' in A is not inherited.
2. Class B inherits A, thus automatically inherits all data fields in A.
3. When you create an object of B, you have to pass an argument such as B(5).
4. The data field 'j' cannot be accessed by object b.