

Python-PrepTerm Quiz

Code:	MT2020045
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- What is the following function gives the total length of the list?
 - `cmp(list)`
 - `len(list)`
 - `max(list)`
 - `min(list)`
- PyLab is a package that combine _____, _____ and _____ into a single namespace.
 - Numpy, scipy and matplotlib
 - Numpy, matplotlib and pandas
 - Numpy, pandas and matplotlib
 - Numpy, scipy and pandas
- What will be the output of the following code?

```
minidict = { 'name': 'TutorialsPoint', 'name': 'website' }  
print(minidict[ 'name' ])
```

 - TutorialsPoint
 - Website
 - `('TutorialsPoint', 'website')`
 - It will show an Error.
- Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?
 - `**`
 - `//`
 - `is`
 - `not in`
- `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
6. When is the finally block executed?
1. when there is no exception
 2. when there is an exception
 3. only if some condition that has been specified is satisfied
 4. always
7. 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)`
8. What is output for `min("hello world")`
1. e
 2. a blank space character
 3. w
 4. None of the above.
9. How to create a frame in Python?
1. `Frame = new.window()`
 2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`
10. 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)`
11. 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
12. Which of the following function of dictionary gets all the keys from the dictionary?
1. getkeys()
  2. key()
  3. keys()
  4. None of the above.
13. What is the following function removes an object from a list?
1. **list**.index(obj)
  2. **list**.insert(index, obj)
  3. **list**.pop(obj=**list**[-1])
  4. **list**.remove(obj)
14. 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.
15. Which of the following function converts a string to all lowercase?
1. lower()
  2. lstrip()
  3. **max(str)**
  4. **min(str)**
16. 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
17. 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)`
18. Which of the following statements can be used to check, whether an object `obj` is an instance of class `A` or not?
1. `obj.isinstance(A)`
 2. `A.isinstance(obj)`
 3. `isinstance(obj, A)`
 4. `isinstance(A, obj)`
19. 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
20. 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`