

# Python-PrepTerm

## Quiz

<b>Code:</b>	MT2020111
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1. What is the following function gives the total length of the list?

1. `cmp(list)`
2. `len(list)`
3. `max(list)`
4. `min(list)`

2. How to create a frame in Python?

1. `Frame = new.window()`
2. `Frame = frame.new()`
3. `Frame = Frame()`
4. `Frame = window.new()`

3. 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

4. What is the following function compares elements of both dictionaries dict1, dict2?

1. `dict1.cmp(dict2)`
2. `dict1.sort(dict2)`
3. `cmp(dict1, dict2)`
4. None of the above.

5. 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.
6. What is output for `min("hello world")`
1. e
  2. a blank space character
  3. w
  4. None of the above.
7. What will be the output of the following code?
- ```
print(type(1/2))
```
1. <class 'float'>
  2. <class 'int'>
  3. NameError: '1/2' is not defined.
  4. 0.5
8. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
9. 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.
10. 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
11. 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.
12. Essential thing to create a window screen using tkinter Python?
1. call tk() function
  2. create a button
  3. To define a geometry
  4. All of the above
13. 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.
14. 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?
1. \*\*
  2. //
  3. is
  4. not in
15. 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.
16. 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.
17. Which of the following function sets the integer starting value used in generating random numbers?
1. `choice(seq)`
  2. `randrange ([start ,] stop [,step])`
  3. `random()`
  4. `seed([x])`
18. 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
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 is output for:
- ```
a = ['hat', 'mat', 'rat']
'rhyme'.join(a)
```

1. ['hat','mat','rat','rhyme']
2. 'hatmatratrhyme'
3. ['hat mat rat rhyme']
4. 'hatrhymematrhyme rat'