

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020116
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1. `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
2. 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

3. What happens in the below code?

```
class A:
    def __init__(self, i=100):
        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 all the data fields of class A.
  2. Class B needs an Argument.
  3. The data field 'j' cannot be accessed by object b.
  4. Class B is inheriting class A but the data field 'i' in A cannot be inherited.
4. 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])`
5. What is the following function returns item from the list with max value?
1. `cmp(list)`
  2. `len(list)`
  3. `max(list)`
  4. `min(list)`
6. 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)`
7. 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.
8. 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
9. 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
10. 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
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. 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 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
14. 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.
15. 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
16. Which of the following environment variable for Python contains the path of an initialization file containing Python source code?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
17. 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
18. 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)
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 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