

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020105
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1. 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
2. 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)`
3. 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)`
4. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
5. 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.
6. 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.
7. 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.
8. 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.
9. rect way to draw a line in canvas tkinter?
1. `line()`
  2. `canvas.create_line()`

3. `create_line (canvas)`
  4. None of the above
10. 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'`
11. 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
12. Which of the following function converts a string to all lowercase?
1. `lower()`
  2. `rstrip()`
  3. `max(str)`
  4. `min(str)`
13. 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`
14. 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

15. 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

16. What is output of following code:

```
num=3
while True:
    if (num%12 == 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

17. 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

18. 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

19. 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)`

20. 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