

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020078
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1. Which of the following function converts a string to all lowercase?
  1. `lower()`
  2. `rstrip()`
  3. `max(str)`
  4. `min(str)`
2. 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)`
3. 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
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. 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)`

6. What is output of following code:

```
a = (1, 2) a[0] +=1
```

1. (1,1,2)
2. 2
3. Type Error
4. Syntax Error

7. 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.

8. 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.

9. 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

10. How many except statements can a try-except block have?

1. zero
2. one
3. more than one
4. more than zero

11. 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.
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. 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)`
14. 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`
15. What is the following function inserts an object at given index in a list?
1. `list.index(obj)`
  2. `list.insert(index, obj)`
  3. `list.pop(obj=list[-1])`
  4. `list.remove(obj)`
16. 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])`
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 environment variable for Python contains the path of an initialization file containing Python source code?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
19. 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)`
20. What is output for `min("hello world")`
1. e
  2. a blank space character
  3. w
  4. None of the above.