

Python-PrepTerm Quiz

Code:	MT2020024
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1. 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)

2. 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

3. What is output of following code:

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

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

4. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?

1. **
2. //
3. **is**
4. **not in**

5. 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'
6. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
7. 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)`
8. 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
9. 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.
10. 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)`
11. 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)`
12. What is the following function gives the total length of the list?
1. `cmp(list)`
 2. `len(list)`
 3. `max(list)`
 4. `min(list)`
13. What is output for `min("hello world")`
1. e
 2. a blank space character
 3. w
 4. None of the above.
14. 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.
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. 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
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 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. 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)**
20. Which of the following function converts a string to all lowercase?
1. lower()
  2. lstrip()
  3. **max(str)**
  4. **min(str)**