

# Python-PrepTerm

## Quiz

<b>Code:</b>	MT2020100
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1. 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.

2. 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

3. 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.

4. Which of the following environment variable for Python is an alternative module search path?

1. PYTHONPATH
2. PYTHONSTARTUP
3. PYTHONCASEOK
4. PYTHONHOME

5. Using the pack manager, how you can you put the components in a container in the same row?

1. Component.pack(side= 'LEFT' )
2. Component.pack('Left ' )

3. `Component.pack(side=LEFT)`
4. `Component.pack(Left=side)`
6. What is the output of the following code?  

```
eval("1 + 3 * 2")
```

  1. 1+6
  2. 4\*2
  3. 1+3\*2
  4. 7
7. Is the following Python code valid?  

```
try :  
    # Do something  
except :  
    # Do something  
finally :  
    # Do something
```

  1. no, there is no such thing as finally
  2. no, finally cannot be used with except
  3. no, finally must come before except
  4. yes
8. 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)`
9. What is output for:  

```
a = ['hat', 'mat', 'rat']  
'rhyme'.join(a)
```

  1. `['hat','mat','rat','rhyme']`
  2. `'hatmatratrhyme'`
  3. `['hat mat rat rhyme']`
  4. `'hatrhymematr rhyme rat'`
10. Which of the following function converts a string to all lowercase?
  1. `lower()`
  2. `lstrip()`

3. `max(str)`
4. `min(str)`

11. 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

12. 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.

13. 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)`

14. What is output of following code:

```
num=3
while True:
    if (num%0o12 == 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

15. 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.
16. What will be the output of the following Python code?

```

try:
    if '1' != 1:
        raise "someError"
    else:
        print("someError has not occurred")
except "someError":
    print ("someError has occurred")

```

1. someError has occurred
  2. someError has **not** occurred
  3. invalid code
  4. none of the mentioned
17. 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
18. 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
19. What is output for `min("hello world")`
1. e
  2. a blank space character
  3. w
  4. None of the above.
20. 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)`