

Python-PrepTerm Quiz

Code:	MT2020121
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1. 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.
2. 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
3. Which of the following function converts a string to all lowercase?
1. lower()
  2. lstrip ()
  3. max(str)
  4. min(str)
4. 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
5. How many except statements can a try-except block have?

1. zero
  2. one
  3. more than one
  4. more than zero
6. 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)`
7. How to create a frame in Python?
1. `Frame = new.window()`
  2. `Frame = frame.new()`
  3. `Frame = Frame()`
  4. `Frame = window.new()`
8. 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)`
9. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
10. 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.
11. 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**
12. 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
13. What is output for:
- ```
a = ['hat', 'mat', 'rat']
'rhyme'.join(a)
```
1. ['hat', 'mat', 'rat', 'rhyme']
  2. 'hatmatratrhyme'
  3. ['hat mat rat rhyme']
  4. 'hatrhymematrhyme rat'
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. 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
16. 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)
17. rect way to draw a line in canvas tkinter?
1. line()
  2. canvas.create\_line()

3. `create_line (canvas)`
  4. None of the above
18. `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
19. 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
20. 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.