

Python-PrepTerm

Quiz

Code:	MT2020139
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1. 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)`

2. 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

3. What is the output of `print str[2:5] if str = 'Hello World!'`?

1. llo World!
2. H
3. llo
4. None of the above.

4. 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

5. rect way to draw a line in canvas tkinter?

1. `line()`

2. `canvas.create_line()`
 3. `create_line(canvas)`
 4. None of the above
6. What is the following function reverses objects of list in place?
1. `list.reverse()`
 2. `list.sort([func])`
 3. `list.pop(obj=list[-1])`
 4. `list.remove(obj)`
7. 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)`
8. `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
9. 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
10. What is the following function gives the total length of the list?
1. `cmp(list)`
  2. `len(list)`
  3. `max(list)`
  4. `min(list)`

11. Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?
1. `**`
  2. `//`
  3. `is`
  4. `not in`
12. 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
13. 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.
14. 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`
15. What is the output of `print tinylst * 2 if tinylst = [123, 'john']`?
1. `[123, 'john', 123, 'john']\n`linline
  2. `[123, 'john'] * 2\n`linline
  3. Error
  4. None of the above.
16. 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`
17. 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)`

18. What is the output of the following code?

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

1. 1+6
2. 4\*2
3. 1+3\*2
4. 7

19. What will be the output of the following Python code?

```
def foo(): try: return 1 finally: return 2 k = foo() print(k)
```

1. 1
2. 2
3. 3
4. error, there is more than one return statement in a single try-finally block

20. 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.