

Python-PrepTerm Quiz

Code:	MT2020110
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- Which of the following function convert a String to a list in python?
 - `repr(x)`
 - `eval(str)`
 - `tuple(s)`
 - `list(s)`
- What is the output of `print str[2:5]` if `str = 'Hello World!'`?
 - llo World!
 - H
 - llo
 - None of the above.
- Which of the following statements can be used to check, whether an object obj is an instance of class A or not?
 - `obj.isinstance(A)`
 - `A.isinstance(obj)`
 - `isinstance(obj, A)`
 - `isinstance(A, obj)`
- What is the following function inserts an object at given index in a list?
 - `list.index(obj)`
 - `list.insert(index, obj)`
 - `list.pop(obj=list[-1])`
 - `list.remove(obj)`
- What is output for:
`a = ['hat', 'mat', 'rat']`
`'rhyme'.join(a)`
 - `['hat','mat','rat','rhyme']`

2. `'hatmatratrhyme'`
 3. `['hat mat rat rhyme']`
 4. `'hatrhymematr rhyme rat'`
6. Syntax error in python is detected by _____ at _____
1. compiler/ compile time
 2. interpreter/ run time
 3. compiler/ run time
 4. interpreter/ compile time
7. 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])`
8. rect way to draw a line in canvas tkinter?
1. `line ()`
 2. `canvas.create_line ()`
 3. `create_line (canvas)`
 4. None of the above
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. Which of the following function converts a string to all lowercase?
1. `lower()`
  2. `lstrip ()`
  3. `max(str)`
  4. `min(str)`
11. 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'
12. What is output of following code:
- ```
a = (1, 2) a[0] +=1
```
1. (1,1,2)
  2. 2
  3. Type Error
  4. Syntax Error
13. 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
14. 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
15. 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
16. 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

17. What will be the output of the following code snippet?

```
class Sales:
    def _init_(self , id):
        self.id = id
        id = 100

val = Sales(123)
print ( val.id)
```

1. SyntaxError, this program will not run
2. 100
3. 123
4. None of the above

18. 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

19. 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.

20. 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