

Python-PrepTerm

Quiz

Code:	MT2020519
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1. 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.

2. 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

3. 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)`

4. 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`
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. 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. Which of the following environment variable for Python is an alternative module search path?
1. `PYTHONPATH`
 2. `PYTHONSTARTUP`
 3. `PYTHONCASEOK`
 4. `PYTHONHOME`
8. 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])`
9. 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
10. 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

11. Syntax error in python is detected by _____ at _____

1. compiler/ compile time
2. interpreter/ run time
3. compiler/ run time
4. interpreter/ compile time

12. 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)

13. 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.

14. How to create a frame in Python?

1. Frame = new.window()
2. Frame = frame.new()
3. Frame = Frame()
4. Frame = window.new()

15. 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
16. 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.
17. 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
18. Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
1. Syntax error
  2. Runtime error
  3. Logical error
  4. All of the above
19. What is the output of the following code?
- ```
def nprint(message, n):  
    while(n > 0):  
        print(message)  
    n-=1  
nprint('z', 5)
```
1. zzzz
 2. zzzzz
 3. Syntax Error
 4. Infinite Loop
20. 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.