

Python-PrepTerm

Quiz

Code:	MT2020515
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1. 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`

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 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

4. 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
5. 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)`
6. There are different basic operators in python and work according to the order of their precedence.

Arrange the order of precedence of the following operators:

1. Division
 2. Multiplication
 3. Parentheses
 4. Exponential
 5. Addition
 6. Subtraction
1. i, ii, iii, iv, v, vi.
 2. iv, iii, ii, i, vi, v.
 3. iii, iv, i, ii, v, vi.
 4. iv, iii, i, ii, v, vi.
7. 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
8. How to create a frame in Python?
1. `Frame = new.window()`

2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`
9. Which of the following function converts a string to all lowercase?
1. `lower()`
 2. `lstrip()`
 3. `max(str)`
 4. `min(str)`
10. 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)`
11. 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)`
12. 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.
13. 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`
14. 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.
15. 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
16. How many except statements can a try-except block have?
1. zero
  2. one
  3. more than one
  4. more than zero
17. 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.
18. What is the output of `print tinylist * 2` if `tinylist = [123, 'john']`?
1. [123, 'john', 123, 'john']\lstinline
  2. [123, 'john'] \* 2\lstinline
  3. Error
  4. None of the above.
19. 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
20. 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.