

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020112
--------------	-----------

1. How to create a frame in Python?
  1. `Frame = new.window()`
  2. `Frame = frame.new()`
  3. `Frame = Frame()`
  4. `Frame = window.new()`
2. Syntax error in python is detected by \_\_\_\_\_ at \_\_\_\_\_
  1. compiler/ compile time
  2. interpreter/ run time
  3. compiler/ run time
  4. interpreter/ compile time
3. 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)`**
4. 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])`
5. 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
6. 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
7. 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'
8. 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
9. 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
10. Which of the following environment variable for Python is an alternative module search path?
  1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME

11. Which of the following statements can be used to check, whether an object obj is an instance of class A or not?

1. `obj.isinstance(A)`
2. `A.isinstance(obj)`
3. `isinstance(obj, A)`
4. `isinstance(A, obj)`

12. 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)`

13. 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`

14. 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`

15. What is output of following code:

```
a = (1, 2) a[0] += 1
```

1. `(1,1,2)`
2. `2`
3. `Type Error`
4. `Syntax Error`

16. What is the output of `print tinylist * 2` if `tinylist = [123, 'john']`?
1. `[123, 'john', 123, 'john']`
  2. `[123, 'john'] * 2`
  3. Error
  4. None of the above.
17. 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.
18. 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
19. 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.
20. 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