

# Python-PrepTerm

## Quiz

<b>Code:</b>	MT2020073
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- Which of the following function sets the integer starting value used in generating random numbers?
  - choice(seq)
  - randrange ([start ,] stop [,step])
  - random()
  - seed([x])
- Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
  - Syntax error
  - Runtime error
  - Logical error
  - All of the above
- Pylab is a package that combine \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ into a single namespace.
  - Numpy, scipy and matplotlib
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- Which of the following function converts a string to all lowercase?
  - lower()
  - rstrip ()
  - max(str)
  - min(str)
- Essential thing to create a window screen using tkinter Python?
  - call tk() function

2. create a button
  3. To define a geometry
  4. All of the above
6. What is output of following code:
- ```
a = (1, 2) a[0] +=1
```
1. (1,1,2)
  2. 2
  3. Type Error
  4. Syntax Error
7. 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.
8. 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.
9. What will be the output of the below given code?
- ```
colors = ["white", "Black", "Grey"]
x = "Red" not in colors
```
1. Yes
  2. No
  3. Error: not in not defined
  4. True
10. 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.
11. 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
12. 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
13. How many except statements can a try-except block have?
1. zero
  2. one
  3. more than one
  4. more than zero
14. 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'
15. 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
16. 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)`
17. What is output for `min("hello world")`
1. e
  2. a blank space character
  3. w
  4. None of the above.
18. What is the following function gives the total length of the list?
1. `cmp(list)`
  2. `len(list)`
  3. `max(list)`
  4. `min(list)`
19. 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.
20. 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.