Python-PrepTerm
Quiz

Code:	MT2020512

1. What is the following function gives the total length of the list?

   1. **cmp(list)**
   2. **len(list)**
   3. **max(list)**
   4. **min(list)**

2. How many except statements can a try-except block have?

   1. zero
   2. one
   3. more than one
   4. more than zero

3. Pylab is a package that combine _____, _____ and _____ into a single names-pace.

   1. Numpy, scipy and matplotlib
   2. Numpy, matplotlib and pandas
   3. Numpy, pandas and matplotlib
   4. Numpy, scipy and pandas

4. What should be given in range of the given below code to print nothing in output?

```
for i in range(?):
    print(i)
```

   1. 0.1
   2. 0
   3. NULL
   4. 1

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. Which of the following environment variable for Python is an alternative module search path?

    1. PYTHONPATH

    2. PYTHONSTARTUP

    3. PYTHONCASEOK

    4. PYTHONHOME

7. 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**

8. 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

9. What is output for **min("hello world")**

    1. e

    2. a blank space character

    3. w

    4. None of the above.

10. 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

11. 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

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. What is output of following code:

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

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

14. 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)

15. 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

16. 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.

17. 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

18. 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)

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. How to create a frame in Python?

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