Python-PrepTerm
Quiz

Code:	MT2020143

1. 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.

2. What is the following function removes an object from a list?

    1. **list** .index(obj)
    2. **list** . insert (index, obj)
    3. **list** .pop(obj=**list**[−1])
    4. **list** .remove(obj)

3. 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

4. What is the following function returns item from the list with max value?

    1. **cmp**(**list**)

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

5. rrect way to draw a line in canvas tkinter?

   1. line ()
   2. canvas. create_line ()
   3. create_line (canvas)
   4. None of the above

6. 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

7. What is output of following code:

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

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

8. 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

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

   1. PYTHONPATH
   2. PYTHONSTARTUP
   3. PYTHONCASEOK
   4. PYTHONHOME

10. 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

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. 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

13. What is the output of the following code?

```
eval("1 + 3 * 2")
```

    1. 1+6
    2. 4*2
    3. 1+3*2
    4. 7

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

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

15. 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])

16. 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.

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

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

18. 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)

19. 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

20. 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