Python-PrepTerm
Quiz

Code:	MT2020151

1. 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

2. What is output for:

   a = ['hat', 'mat', 'rat']

   'rhyme'.join(a)

    1. ['hat','mat','rat','rhyme']
    2. 'hatmatratrhyme'
    3. ['hat mat rat rhyme']
    4. 'hatrhymematrhyme rat'

3. 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

4. Using the pack manager, how you can you put the components in a container in the same row?

    1. Component.pack(side= ''LEFT'')
    2. Component.pack(''Left '')
    3. Component.pack(side=LEFT)
    4. Component.pack(Left−side)

5. 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.

6. 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

7. What will be the output of the following code?

```
for i in ['t', 'n', 'i ', 'o', 'p'][::-1]:
    print(i)
```

   1. t n i o p
   2. p o i n t
   3. t n i o p 1 0 −1
   4. p o i n t 1 0 −1

8. 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

9. 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.

10. How to create a frame in Python?

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

11. What will be the output of the code?

    z = "Best website is Tutorials Point" z.find("Tutorials")

    1. 3
    2. 13
    3. 17
    4. 16

12. 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])

13. 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.

14. 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

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 following function gives the total length of the list?

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

17. 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

18. Is the following Python code valid?

```
try:
    # Do something
except:
    # Do something
finally:
    # Do something
```

    1. no, there is no such thing as finally
    2. no, finally cannot be used with except
    3. no, finally must come before except
    4. yes

19. What happens in the below code?

```
class A:
    def __init__(self, i=100):
        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 all the data fields of class A.
    2. Class B needs an Argument.
    3. The data field 'j' cannot be accessed by object b.

4. Class B is inheriting class A but the data field `'i'` in A cannot be inherited.

20. 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