Python-PrepTerm
Quiz

Code:	MT2020117

1. Analyze the code:

```python
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 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

3. What is output of following code:

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

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

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

   1. e
   2. a blank space character
   3. w
   4. None of the above.

6. 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.

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

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

8. 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**)

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

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

10. 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

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

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

12. 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

13. 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

14. 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])

15. 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

16. 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.

17. Syntax error in python is detected by _____ at _____

1. compiler/ compile time
2. interpreter/ run time
3. compiler/ run time
4. interpreter/ compile time

18. 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

19. 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

20. 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'