Python-PrepTerm
Quiz

Code:	MT2020506

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. Which of the following function converts a string to all lowercase?

   1. lower()
   2. lstrip ()
   3. **max(str)**
   4. **min(str)**

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

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

4. How to create a frame in Python?

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

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

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

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

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

7. When is the finally block executed?

    1. when there is no exception
    2. when there is an exception
    3. only if some condition that has been specified is satisfied
    4. always

8. 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

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

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

10. 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'`

11. 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

12. 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.

13. 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])

14. 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)

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. 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.

18. What is output of following code:

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

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

19. 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)

20. 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)**