Python-PrepTerm
Quiz

Code:	MT2020051

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

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

2. What is output of following code:

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

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

3. 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.

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

```python
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

5. 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

6. What is the output of the following code?

```python
def nprint(message, n):
while(n > 0):
    print(message)
n-=1
nprint('z', 5)
```

   1. zzzz
   2. zzzzz
   3. Syntax Error
   4. Infinite Loop

7. What is the following function inserts an object at given index in a list?

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

8. What happens in the below code?

```python
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.

9. 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)

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

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

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

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

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

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

14. 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

15. 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.

16. 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

17. What is the output of **print str $*$ 2 if str $=$ 'Hello World!'**?

   1. Hello World!Hello World!

   2. Hello World! $*$ 2

   3. Hello World!

   4. None of the above.

18. 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'`

19. 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

20. 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