Python-PrepTerm
Quiz

Code:	MT2020089

1. 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

2. 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

3. What is the output of the following code?

   eval("1 + 3 * 2")

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

4. 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.

5. What will be the output of the following Python code?

   def foo(): try: return 1 finally: return 2 k = foo() print(k)

   1. 1
   2. 2
   3. 3
   4. error, there is more than one return statement in a single try-finally block

6. 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

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

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

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

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

9. 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)

10. 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

11. 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])

12. Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?

    1. **
    2. //
    3. **is**
    4. **not in**

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

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

14. 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

15. 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.

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

    1. zero
    2. one
    3. more than one

4. more than zero

17. 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

18. 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)

19. Which of the following function convert a String to a list in python?

    1. **repr**(x)
    2. **eval**(**str**)
    3. **tuple**(s)
    4. **list** (s)

20. 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.