Python-PrepTerm
Quiz

Code:	MT2020522

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

```
minidict = { 'name': 'TutorialsPoint', 'name': 'website'}
print(minidict['name'])
```

   1. TutorialsPoint
   2. Website
   3. ('TutorialsPoint', 'website')
   4. It will show an Error.

2. 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

3. 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.

4. 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

5. 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

6. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?

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

7. What is the following function compares elements of both dictionaries dict1, dict2?

    1. dict1.**cmp**(dict2)
    2. dict1.sort(dict2)
    3. **cmp**(dict1, dict2)
    4. None of the above.

8. 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

9. 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.

10. 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

11. What is the output of the following code?

eval("1 + 3 * 2")

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

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

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

13. What is the output of **print** tinylist * 2 **if** tinylist = [123, 'john']?

1. [123, 'john', 123, 'john']\ lstinline
2. [123, 'john'] * 2\ lstinline
3. Error
4. None of the above.

14. 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

15. 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

16. 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)

17. 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)

18. 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**)

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. Which of the following function convert a string to a float in python?

    1. **int**(x [, base])
    2. **long**(x [,base])
    3. **float**(x)
    4. **str**(x)