Python-PrepTerm
Quiz

Code:	MT2020043

1. 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

2. What will be the output of the below given code?

```python
colors = ["white", "Black", "Grey"]
x = "Red" not in colors
```

    1. Yes

    2. No

    3. Error: not in not defined

    4. True

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

    1. compiler/ compile time

    2. interpreter/ run time

    3. compiler/ run time

    4. interpreter/ compile time

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

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

    1. TutorialsPoint

2. Website

3. ('TutorialsPoint', 'website')

4. It will show an Error.

5. 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**

6. 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)

7. What is output of following code:

```
num=3
while  True:
    if  (num%0o12  ==  0):
        break
print(num)
num += 1
```

    1. 3 4 5 6 7 8 9 10 11 12

    2. 3 4 5 6 7 8 9

    3. 3 4 5 6 7 8 9 10 11

    4. None of the above

8. 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'

9. What is output of following code:

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

    1. (1,1,2)

2. 2

3. Type Error

4. Syntax Error

10. 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.

11. 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

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

1. e

2. a blank space character

3. w

4. None of the above.

13. 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'`

14. 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

15. 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.

16. What will be the output of the following code snippet?

```python
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

17. Is the following Python code valid?

```python
try:
    # Do something
except:
    # Do something
finally:
    # Do something
```

    1. no, there is no such thing as finally
    2. no, finally cannot be used with except
    3. no, finally must come before except
    4. yes

18. 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

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

    1. lower()
    2. lstrip ()

3. **max(str)**

4. **min(str)**

20. 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.