Python-PrepTerm
Quiz

Code:	MT2020052

1. 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

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

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

3. 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

4. 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

5. What is output of following code:

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

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

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

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

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. What happens in the below code?

```
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 output of the following code?

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

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

10. 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

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. 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)**

13. Is the following Python code valid?

```
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

14. 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)

15. 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

16. 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.

17. How to create a frame in Python?

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

18. What is the following function removes an object from a list?

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

19. 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**

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)