Python-PrepTerm
Quiz

Code:	MT2020093

1. 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

2. 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.

3. 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**

4. What is the output of the following code?

   eval(`"1 + 3 * 2"`)

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

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

   1. zero

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

6. 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)

7. 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

8. 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

9. 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**)

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

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

11. 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.

12. 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'`

13. 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

14. 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.

15. 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)

16. What is the output of the code?

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

1. 1 2
2. 2 1
3. 2
4. Error

17. Which of the following is required to create a new instance of the class?

1. A constructor
2. A class
3. A value-returning method
4. A None method

18. 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

19. 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)

20. 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