Python-PrepTerm
Quiz

Code:	MT2020149

1. What is output of following code:

```python
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

2. 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)

3. 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

4. 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)

5. 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])

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. Syntax error in python is detected by _____ at _____

   1. compiler/ compile time

   2. interpreter/ run time

   3. compiler/ run time

   4. interpreter/ compile time

8. 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)

9. 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

10. 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)

11. 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

12. 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'`

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

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

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

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

15. rrect way to draw a line in canvas tkinter?

   1. line ()
   2. canvas. create_line ()
   3. create_line (canvas)
   4. None of the above

16. 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.

17. 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.

18. 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

19. 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

20. Pylab is a package that combine _____, _____ and _____ into a single names-pace.

1. Numpy, scipy and matplotlib
2. Numpy, matplotlib and pandas
3. Numpy, pandas and matplotlib
4. Numpy, scipy and pandas