Python-PrepTerm
Quiz

Code:	MT2020063

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

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

2. What is the following function inserts an object at given index in a list?

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

3. Which of the following environment variable for Python is an alternative module search path?

    1. PYTHONPATH
    2. PYTHONSTARTUP
    3. PYTHONCASEOK
    4. PYTHONHOME

4. 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.

5. 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**

6. 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

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

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

8. 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

9. Which of the following statements are correct about the given code snippet?

```
class A:
    def _init_(self, i = 0):
        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 A, but the data field 'i' in A is not inherited.
2. Class B inherits A, thus automatically inherits all data fields in A.
3. When you create an object of B, you have to pass an argument such as B(5).
4. The data field 'j' cannot be accessed by object b.

10. What is the output of **print str** [2:5] **if str** = 'Hello World!'?

    1. llo World!
    2. H
    3. llo
    4. None of the above.

11. 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.

12. 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

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

```
for i in ['t', 'n', 'i ', 'o', 'p'][::-1]:
    print(i)
```

    1. t n i o p
    2. p o i n t
    3. t n i o p 1 0 −1
    4. p o i n t 1 0 −1

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

print(**type**(1/2))

    1. <**class** 'float'>
    2. <**class** 'int'>
    3. NameError: '1/2'**is not** defined.
    4. 0.5

15. 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

16. 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)

17. What is output of following code:

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

    1. (1,1,2)

    2. 2

    3. Type Error

    4. Syntax Error

18. 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

19. 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)

20. Which of the following function of dictionary gets all the keys from the dictionary?

    1. getkeys()

2. key()

3. keys()

4. None of the above.