

Python-PrepTerm Quiz

Code:	MT2020025
--------------	-----------

1. 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)`
2. Which of the following environment variable for Python is an alternative module search path?
 1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
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 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

5. 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
6. 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.
7. 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
8. 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.
9. 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
10. 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)**

11. 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)`

12. 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

13. What is output of following code:

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

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

14. 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.

15. 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

16. 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`

17. 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

18. 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.

19. 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.

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.