

Python-PrepTerm Quiz

Code:	MT2020153
--------------	-----------

- 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?
 - `**`
 - `//`
 - `is`
 - `not in`
- How to create a frame in Python?
 - `Frame = new.window()`
 - `Frame = frame.new()`
 - `Frame = Frame()`
 - `Frame = window.new()`
- What is the following function reverses objects of list in place?
 - `list.reverse()`
 - `list.sort([func])`
 - `list.pop(obj=list[-1])`
 - `list.remove(obj)`
- Syntax error in python is detected by _____ at _____
 - compiler/ compile time
 - interpreter/ run time
 - compiler/ run time
 - interpreter/ compile time
- How many except statements can a try-except block have?
 - zero
 - one
 - more than one

4. more than zero
6. What is the following function gives the total length of the list?
 1. `cmp(list)`
 2. `len(list)`
 3. `max(list)`
 4. `min(list)`
7. rect way to draw a line in canvas tkinter?
 1. `line()`
 2. `canvas.create_line()`
 3. `create_line(canvas)`
 4. None of the above
8. 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])`
9. 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)`
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 output for:


```
a = ['hat', 'mat', 'rat']
'rhyme'.join(a)
```

 1. `['hat','mat','rat','rhyme']`
 2. `'hatmatratrhyme'`
 3. `['hat mat rat rhyme']`

4. 'hatrhymematrhyme rat'

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

```
minidict = { 'name': 'TutorialsPoint', 'name': 'website' }  
print(minidict[ 'name' ])
```

1. TutorialsPoint
2. Website
3. ('TutorialsPoint', 'website')
4. It will show an Error.

13. 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

14. 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.

15. 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.
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. 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)
18. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
19. 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
20. What is the output of **print** tinylist * 2 **if** tinylist = [123, 'john']?
1. [123, 'john', 123, 'john']\lstinline
 2. [123, 'john'] * 2\lstinline
 3. Error
 4. None of the above.