

Python-PrepTerm Quiz

Code:	MT2020066
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1. What is the following function gives the total length of the list?

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

2. How to create a frame in Python?

1. `Frame = new.window()`
2. `Frame = frame.new()`
3. `Frame = Frame()`
4. `Frame = window.new()`

3. 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.

4. `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
5. 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
6. 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)`
7. 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.
8. 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.
9. What is output for:

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

 1. `['hat','mat','rat','rhyme']`
 2. `'hatmatratrhyme'`
 3. `['hat mat rat rhyme']`
 4. `'hatrhymematr rhyme rat'`
10. What will be the output of the code?

```
z = "Best website is Tutorials Point" z.find("Tutorials")
```

1. 3
 2. 13
 3. 17
 4. 16
11. 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
12. How many except statements can a try-except block have?
1. zero
 2. one
 3. more than one
 4. more than zero
13. 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.
14. 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)`
15. 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

16. Which of the following function converts a string to all lowercase?

1. `lower()`
2. `rstrip()`
3. `max(str)`
4. `min(str)`

17. 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

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

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

19. 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)`

20. What is the output of the following code?

```
def nprint(message, n):
 while(n > 0):
 print(message)
 n-=1
nprint('z', 5)
```

1. `zzzz`
2. `zzzzz`
3. Syntax Error
4. Infinite Loop