

Python-PrepTerm

Quiz

Code:	MT2020088
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1. What is output for:

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

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

2. 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

3. 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.

4. Which of the following function convert a string to a float in python?

1. `int(x [,base])`
2. `long(x [,base])`
3. `float(x)`
4. `str(x)`

5. 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.

6. 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.

7. 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

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

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

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

1. e

2. a blank space character
 3. w
 4. None of the above.
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 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)`
12. 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
13. 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
14. 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.

15. How to create a frame in Python?

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

16. 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

17. What is output of following code:

```
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

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. Analyze the code:

```
print("Recursive Function")  
def factorial(n):  
    return(n*factorial(n-1))  
factorial(4)
```

1. Recursive Function 24.
2. Recursive Function.
3. Function runs infinitely and causes a `StackOverflowError`.

4. Syntax Error.
20. 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)`