**Python exam -2**

**Class and objects ,methods & Attributes and oops concept**

1)what will be out of the following code?

A) Error

2)which of the following statement is true about python class?

A)A class is an blueprint for creating object.

3)what is the difference between instance variable and class variable?

A)None of the above

4)what will be the out put of the following code?

A)5 10

5)In python which of the following is correct regrading instance method and class method?

A)Instance methods take self as the first parameter,while class methods take cls

6)what will be output of the following code?

A)none

7)what is the correct way to define class method?

A)@class method

def my\_method(cls):

Pass

8)which of the following is not a pillar of object-oriented programming?

A)Compilation

9)what is method overriding in python?

A)A child class providing a specific implementation of a method that is already defined in its

Parent class.

10)what will be the output of the following code?

A)error

Section 1:

1)what is a decorator in python?

A)A function that modifies another function behavior without changing its code.

2)what will be the output of the following?

A)Does nothing

3)which of the following decorators is built in in python?

A)Both B and C

Section 2:

4)what will be the output of the following code?

A)Error

5)what is the difference between return and yield in python functions?

A)There is no difference

6)what will happen if we call next() on a generator that has no more values left?

A)It restarts the generator

Section 3:

7)Which of the following methods must a class implement must be considered an iterator in python?

A)*\_iter\_() & \_next\_()*

8) what will be the output of the following code?

A)1 2

9)How can you manually iterate over an iterator in python?

A)Using the next() function.

Section 4:

10)How is generator different from an Iterator?

A) Generator are memory -efficient compared to iterators.

11)what will be the output of the following code?

A)True

12)which of the following is Not true about Iteratots & generator?

A)Generator are more memory-effiecient than lists

Python \_production level

Section 1:

1)What is the purpose of a docstring in python?

A)To document the purpose and usage of function ,class,module.

2)How do you access a function docstring in python?

A)function\_name.\_doc\_

Section 2: Error handling in python

3)what will be the output of the following code?

A)Cannot divide by zero!

4)which of the following statement is true about finally in a try-except block?

A)

Section 3:

5)What will be the output of the following code?

A)Error,file not found

6) what is the correct way to read a file by line?

A)

Section 4:modularization in python

7)what is the primary purpose of modularization in python?

8) How do you import a function named calculate from a module named math\_operation?

A)

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