Class XII
Computer Science
Worksheet
(Python Libraries)

Q1.Fill in the blanks:

1	Commonly used modules that contain source code for generic needs are called _____.
2	A python _____ is a directory of Python modules(s).
3	We can use any Python source file as a module by executing an _____ statement.
4	_____ function, when applied to a module, gives you the names of all that is defined inside the module.
5	The _____ is a variable that holds the name of the module being referenced.
6	A _____ is a variable that holds the name of the module being referenced.
7	The random module of Python provides _____ functionality.
8	_____ are used to distinguish between different sections of a program.
9	Python provides three types of namespaces _____, _____ and _____.
10	Python follows name resolution rule, also known as _____ rule.

1. What the does random.seed(3) return?

a) True

b) None

c) 3

d) 1

2. Which of the following cannot be returned by random.randrange(4)?

a) 0

b) 3

c) 2.3

d) none of the mentioned

3. Which of the following is equivalent to random.randrange(3)?

a) range(3)

b) random.choice(range(0, 3))

c) random.shuffle(range(3))

d) random.select(range(3))

4. The function random.randint(4) can return only one of the following values.

Which?

a) 4

b) 3.4

c) error

d) 5

5. Which of the following is equivalent to random.randint(3, 6)?

a) random.choice([3, 6])

b) random.randrange(3, 6)

c) 3 + random.randrange(3)

d) 3 + random.randrange(4)

6. Which of the following will not be returned by random.choice("1 ,")?

a) 1

b) (space)

c) ,

d) none of the mentioned

7. Which of the following will never be displayed on executing

print(random.choice({0: 1, 2: 3}))?

a) 0

b) 1

c) KeyError: 1

d) none of the mentioned

8. What does random.shuffle(x) do when x = [1, 2, 3]?

a) error

b) do nothing, it is a placeholder for a function that is yet to be implemented

c) shuffle the elements of the list in-place

d) none of the mentioned

9. Which type of elements are accepted by random.shuffle()?

a) strings

b) lists

c) tuples

d) integers

10. What is the range of values that random.random() can return?

a) [0.0, 1.0].

b) (0.0, 1.0].

c) (0.0, 1.0)

d) [0.0, 1.0)