# List MCQs

**1. Which of the following is a valid way to create a list in Python?**

A) list1 = ()
B) list1 = []
C) list1 = {}
D) list1 = <>

**2. What is the output of the following code?**

list1 = [1, 2, 3, 4, 5]
print(list1[2])

A) 1
B) 2
C) 3
D) 4

**3. How can you add a new element to a list in Python?**

A) list1.append()
B) list1.add()
C) list1.push()
D) list1.insert()

**4. What is the output of the following code?**

list1 = [1, 2, 3]
list1.append(4)
print(list1)

A) [1, 2, 3, 4]
B) [1, 2, 3]
C) [4, 1, 2, 3]
D) [1, 4, 2, 3]

**5. How can you remove the last element from a list?**

A) list1.remove()
B) list1.pop()
C) list1.delete()
D) list1[-1] = None

**6. What does the following code return?**

```
list1 = [5, 10, 15, 20]
print(len(list1))
```

A) 3
B) 4
C) 5
D) Error

**7. Which of the following methods will concatenate two lists a and b?**

A) a + b
B) a * b
C) a & b
D) a.concat(b)

**8. What is the result of the following code?**

```
list1 = [1, 2, 3, 4, 5]
print(list1[1:4])
```

A) [1, 2, 3]
B) [2, 3, 4]
C) [2, 3, 4, 5]
D) [3, 4, 5]

**9. Which of the following methods can be used to sort a list in ascending order?**

A) list1.sort()
B) list1.order()
C) list1.reverse()
D) list1.append()

**10. What is the output of the following code?**

```
list1 = [1, 2, [3, 4], 5]
print(list1[2][1])
```

A) 2
B) 3
C) 4
D) 5

## 11. Which function is used to get the minimum value in a list?

A) list1.min()
B) min(list1)
C) list1.smallest()
D) list1.first()

## 12. How do you remove the first occurrence of an element from a list?

A) list1.remove(value)
B) list1.delete(value)
C) list1.pop()
D) list1.extract(value)

## 13. What does the following code return?

list1 = [1, 2, 3, 4, 5]
print(list1[-2])

A) 2
B) 3
C) 4
D) 5

## 14. What is the result of the following code?

list1 = [1, 2, 3]
list2 = list1
list2[0] = 9
print(list1)

A) [9, 2, 3]
B) [1, 2, 3]
C) [9]
D) Error

## 15. Which of the following is true about lists in Python?

A) Lists are immutable
B) Lists can contain elements of different types
C) Lists cannot contain duplicate elements
D) Lists do not maintain order of elements