

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 3\_MCQ

Attempt : 1  
Total Mark : 25  
Marks Obtained : 25

#### Section 1 : MCQ

1. What is the output of the following Python code?

```
a = "Hello"  
b = "World"  
c = a + " " + b  
print(c)
```

**Answer**

Hello World

**Status : Correct**

**Marks : 1/1**

2. Which method in Python is used to create an empty list?

**Answer**

list()

**Status :** Correct

**Marks :** 1/1

3. Which of the following is a valid way to use the '%' operator to concatenate strings in Python?

**Answer**

```
"%s %s" % (string1, string2)
```

**Status :** Correct

**Marks :** 1/1

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

```
string1 = "Hello"  
string2 = "World"  
result = string1 + string2  
print(result)
```

**Answer**

HelloWorld

**Status :** Correct

**Marks :** 1/1

5. What is the output of the following Python code?

```
name = "John"  
age = 25  
message = "My name is %s and I am %d years old." % (name, age)  
print(message)
```

**Answer**

My name is John and I am 25 years old.

**Status :** Correct

**Marks :** 1/1

6. What is the output of the following Python code?

```
text = " Python "  
answer = text.strip()  
print(answer)
```

**Answer**

Python

**Status :** Correct

**Marks :** 1/1

7. What does negative indexing in Python lists allow you to do?

**Answer**

Access elements in the list from the end

**Status :** Correct

**Marks :** 1/1

8. Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is the correct syntax for slicing operation?

**Answer**

all of the mentioned options

**Status :** Correct

**Marks :** 1/1

9. What is the output of the following Python code?

```
word = "Python"  
result = word[::-1]  
print(result)
```

**Answer**

nohtyP

**Status :** Correct

**Marks :** 1/1

10. If you have a list lst = [1, 2, 3, 4, 5, 6], what does the slicing operation lst[-3:] return?

**Answer**

The last three elements of the list

**Status :** Correct

**Marks :** 1/1

11. What does the append() method do in Python?

**Answer**

Adds a new element to the end of the list

**Status :** Correct

**Marks :** 1/1

12. What is the output of the following Python code?

```
word = "programming"  
answer = word.index("gram")  
print(answer)
```

**Answer**

3

**Status :** Correct

**Marks :** 1/1

13. Which method is used to add multiple items to the end of a list?

**Answer**

extend()

**Status :** Correct

**Marks :** 1/1

14. What will be the output of the following code?

```
numbers = [1, 2, 3, 4, 5]  
numbers.remove(6)  
print(numbers)
```

**Answer**

ValueError: list.remove(x): x not in list

**Status :** Correct

**Marks :** 1/1

15. Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]?

**Answer**

[2, 33, 222, 14]

**Status :** Correct

**Marks :** 1/1

16. What is the output of the following Python code?

```
text = "Python"
result = text.center(10, "*")
print(result)
```

**Answer**

\*\*Python\*\*

**Status :** Correct

**Marks :** 1/1

17. What is the output of the following code?

```
my_list = [3, 6, 1, 2, 5, 4]
print(sorted(my_list) == my_list.sort())
```

**Answer**

False

**Status :** Correct

**Marks :** 1/1

18. What does the following code output?

```
lst = [10, 20, 30, 40, 50]
print(lst[-4:-1])
```

**Answer**

[20, 30, 40]

**Status :** Correct

**Marks :** 1/1

19. What is the output of the following Python code?

```
b = "Projects!"  
print(b[2:5])
```

**Answer**

oje

**Status :** Correct

**Marks :** 1/1

20. What will be the output of the following program?

```
numbers = [1, 2, 3, 4, 5]  
numbers.append(6, 7)  
print(numbers)
```

**Answer**

Compile Time Error

**Status :** Correct

**Marks :** 1/1

21. What is the result of the slicing operation `lst[-5:-2]` on the list `lst = [1, 2, 3, 4, 5, 6]`?

**Answer**

[2, 3, 4]

**Status :** Correct

**Marks :** 1/1

22. Suppose `list1` is `[2, 33, 222, 14, 25]`, What is `list1[-1]`?

**Answer**

25

**Status :** Correct

**Marks :** 1/1

23. What is the output of the following Python code?

```
txt = "My Classroom"  
print(txt.find("o"))  
print(txt.index("o"))
```

**Answer**

99

**Status :** Correct

**Marks :** 1/1

24. What is the output of the following code?

```
my_list = [1, 2, 3]  
my_list *= 2  
print(len(my_list))
```

**Answer**

6

**Status :** Correct

**Marks :** 1/1

25. What will be the output of the following code?

```
my_list = [1, 2, 2, 3]  
print(my_list.count(2))
```

**Answer**

2

**Status :** Correct

**Marks :** 1/1