Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 3_MCQ

Attempt : 1
Total Mark : 25
Marks Obtained : 21

Section 1 : MCQ

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

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

Answer

3

Status : Correct ***Marks : 1/1***

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

```
word = "Python"
result = word[::-1]
```

print(result)

Answer

nohtyp

Status : Wrong ***Marks : 0/1***

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 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***

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

Answer

extend()

Status : Correct ***Marks : 1/1***

6. 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***

7. 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***

8. 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***

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

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

Answer

oje

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 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***

12. What is the output of the following code?

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

Answer

3

Status : Wrong ***Marks : 0/1***

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

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

Answer

"Python "

Status : Wrong ***Marks : 0/1***

14. 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***

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

Answer

Adds a new element to the end of the list

Status : Correct ***Marks : 1/1***

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

Answer

list()

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 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***

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

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

Answer

Python

Status : Correct ***Marks : 1/1***

20. 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***

21. 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***

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?

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

Answer

Hello World

Status : Correct ***Marks : 1/1***

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

Answer

[25, 14, 222, 33, 2]

Status : Wrong ***Marks : 0/1***

25. 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***