

**Larbi Ben Mhidi University – Oum El Bouaghi**

**Faculty of Economics, Commercial and Management Sciences**

**Academic Year: 2024 – 2025**

**Level: Master Quantitative Economics S3**

**First-Term Examination in Python (Answers)**

**Exercise1**

**Answer1:** d) All of the above

**Answer2:** b) 6

**Answer3:** b) 3

**Answer4:** c) def

**Answer5:** a) plt.title()

**Answer6:** a) plt.grid()

**Answer7:** b) statsmodels

**Answer8:** b) Distance (e.g., Euclidean)

**Exercise2:**

1

```
# Python
# maxEntropy
# Uppercase: PYTHONEXAM
```

2

```
# [10, 20, 30, 40, 50, 60]
# [10, 30, 40, 50, 60]
# [60, 50, 40, 30, 10]
```

3 # [2, 4, 6, 8, 10]

4 # 15 30 45

**Exercise3**

```
my_list = [10, 20, 30, 40, 50]
```

```
# Add 60 to the list
```

```
my_list.append(60)
```

```
# Remove the second element (index 1)
```

```
my_list.pop(1)
```

```
# Reverse the list
```

```
my_list.reverse()
```

```
print(my_list) # Output: [60, 40, 30, 10]
```

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## Section 7: Miscellaneous

19. What does the len() function do?

- a) Returns the length of an object
- b) Removes an object
- c) Sorts a list