1. Which of the following can be used for commenting a piece of code in Python? (Select all that apply)

1 / 1 punto

- [ ] (@) - At the rate sign
- [x] · (#) - Hashtag *

Correcto
Correct! Hashtag * can be used for commenting a piece of code in Python

- [x] (‘’’ ‘’’) - Triple quotation marks

Correcto
Correct! Triple quotation marks can be used for commenting a piece of code in Python.

- [ ] ({ }) - Curly Brackets

2.What will be the output of running the following code?

1 / 1 punto

```
value = 7
class A:
    value = 5

a = A()
a.value = 3
print(value)
```

- (•) 7
- ( ) 3
- ( ) 5
- ( ) None of the above

Correcto
Correct! The print function is passed the global value variable.

3.What will be the output of running the following code?

1 / 1 punto

```
bravo = 3
```

```
2   b = B()
3   class B:
4       bravo = 5
5       print("Inside class B")
6   c = B()
7   print(b.bravo)
```

- ○ None
- ◉ Error
- ○ 5
- ○ 3

Correcto
Correct! The output on the code will be an error.

4. Which of the following keywords allows the program to continue execution without impacting any functionality or flow? **1 / 1 punto**

- ○ skip
- ○ break
- ○ continue
- ◉ pass

Correcto
Correct! Pass is a keyword that allows the program to continue execution without impacting any functionality or flow.

5. Which of the following is not a measure of Algorithmic complexity? **1 / 1 punto**

- ○ Constant time
- ◉ Execution time
- ○ Logarithmic Time
- ○ Exponential Time

Correcto
Correct! Execution time is not a measure of Algorithmic complexity.

6. Which of the following are the building blocks of Procedural programming? **1 / 1 punto**

- ○ All of the options.
- ○ Objects and Classes
- ○ Variables and methods
- ◉ Procedures and functions

Correcto
Correct! Procedures and functions are the building blocks of Procedural programming.

7. True or False: Pure functions can modify global variables. **1 / 1 punto**

- ○ True
- ◉ False

Correcto
Correct! Pure functions can modify global variables.

8. Which of the following is an advantage of recursion? **1 / 1 punto**

- ○ Easier to follow
- ○ Recursion is memory efficient
- ○ Easy to debug
- ◉ Recursive code can make your code look neater

Correcto
Correct! Recursion code is easier to write.