

# PYTHON

## Assignment Questions

**Name : Rohan Tade**

1. **Who** developed **Python** Programming Language?

Ans: Guido Van Rossum

2. **Which type of** Programming **does** Python support?

Ans: Object Oriented Programming and Structured Programming.

3. Is **Python** case sensitive when dealing with identifiers?

Ans: Yes, Python is case sensitive

4. **What** is the correct extension of the Python file?

Ans: .ipynb and .py are the correct extension for the python file

5. Is Python **code compiled** or interpreted?

Ans: Python code is interpreted.

6. Name a few blocks of code used to define **in Python** language?

Ans: function

7. State a **character** used to give single-line comments in **Python**?

Ans: # is used to give single line comment in python.

8. Mention functions which can **help** us to **find** the version **of** python that we are currently working on?

Ans: python --version, gives us the version of python which we are currently using.

9. Python supports the creation of anonymous functions at runtime, using a construct called\_\_\_\_

Ans: Lambda

10. What does pip stand for python?

Ans: pip stands for Preferred installer Program

11. Mention **a** few built-in functions in python?

Ans: Here are few built in functions in python

1) print()

2) len()

3) min()

4) max()

5) type()

6) id()

12. **What is** the maximum possible length **of** an identifier **in Python?**

Ans: The maximum possible length of an identifier in python is 79 characters

13. What **are** the benefits of **using Python?**

Ans: Python is a high level language and it has a very simple and easily understandable syntax. We can use python in different different domains like in web development, Data Science.

14. How **is** memory managed **in Python?**

Ans: By using Heap memory is managed in python.

15. How to install **Python** on Windows and set **path** variables? 16. Is indentation required in python?

Ans: The complete path of python.exe can be added by:

1. Right-clicking This PC and going to Properties.
2. Clicking on the Advanced system settings in the menu on the left.
3. Clicking on the Environment Variables button on the bottom right.
4. In the System variables section, selecting the Path variable and clicking on Edit.

16. Is indentation required in python?

Ans: Yes, indentation is required in python.