**Assignment Questions**

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

**ANS:** Guido van Rossum

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

**ANS:** Object-oriented, Structured, and Functional programming.

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

**ANS:** Yes

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

**ANS:** .py

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

**ANS:** Both, as a code is run firstly its compiled and then interpreted

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

**ANS:** Module, Function body, Class defintion

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

**ANS:** # is written

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

**ANS:** Version of the python Interpreter use “sys.version”, “python\_version()”, “Python -V”.

**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 install packages

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

**ANS:** var, bool, type, min, max

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

**ANS:** 79

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

**ANS:** Easy to understand, Automate tasks, Low-level computer processes

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

**ANS:** Uses a portion of the memory for internal use and non-object memory.

**15. How to install Python on Windows and set path variables?**

**ANS:** In the section entitled User Variables, double-click on the entry that says Path. Another window will pop up showing a list of paths. Click the New button and paste the path to your Python executable there. Once that’s inserted, select your newly added path and click the Move Up button until it’s at the top.

**16. Is indentation required in python?**

**ANS:** Yes, Its very important