Date: 12-12-23

ASSESSMENT-5

PYTHON:

Python is a high-level programming language, which is interpreted, interactive, object-oriented, beginnners language.

Interpreter vs compiler:

* The biggest difference between interpreted code and compiled code is that

an interpreted application need not be “complete.”

Why python?

* Easy to maintain
* Portable
* Standard libraries
* High level programming
* Interactive
* GUI programming

Python history:

* Python was conceptualized by **Guido Van Rossum** in the late

**1980s**.

* Rossum chose the name "**Python**", since he was a big fan of

Monty Python's Flying Circus.

Features of python:

* Easy to learn, easy to read and easy to maintain.
* Portable, extendable, scalable

Python frameworks:

* Django
* Flask
* Tactic
* Tornado
* Pyramid

Cross compilers:

* Cython
* Jython
* Pyjs
* Pypy
* Iron python