Q) 1 . Who developed python programing language ?

Ans -- Guido van Rossum

Guido van Rossum began working on Python in the late 1980s

as a successor to the ABC programming language and first

released it in 1991 as Python 0.9.0.

Q) 2 .Which type of programing does python suport ?

Ans -- Object-oriented programming and structured programming

Q) 3. Is python case sensitive when dealing with identifiers?

Ans -- Yes, Python is a case-sensitive language,

1. e., it tre
2. 4 . What is the correct extension for the Python file ?

Ans -- extension for the Python file are (. py, . pyi, .).ats

uppercase and lowercase characters differently

Q) 5 . Is python code compliance or interpreted ?

Ans --Python is an interpreted language, which means the source

code of a Python program is converted into bytecode that

is then executed by the Python virtual machine.

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

Ans -- A Python program is constructed from code blocks.

A block is a piece of Python program text that is executed as a unit.

Q) 7 . state a character used to give single line comments in Python?

Ans -- We can write a single-line comment by adding a "#" character

before any statement or line of code.

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

Ans -- The function sys. version can help us to find the version of

python that we are currently working on.

Q)9 . Python supports the creation of anonymous functions at runtime

using a construct called ?

Ans -- It uses a construct called "lambda"

Q) 10 . What does PIP stand for python ?

Ans -- " preferred installer program "

Q) 11 . Mention a few bute in function in Python ?

Ans -- all ,bin,AssertionError,compile,exec, ext ..

Press " tab " To see all function

Q) 12 . What is the maximum possible length of an identifier in python ?

Ans -- 79 characters

Q) 13 . What are the benefits of using python ?

Ans - -Data science.

Scientific and mathematical computing.

Web development.

Finance and trading.

System automation and administration.

Computer graphics.

Q) 14 .What is memory managed in python?

Ans --Memory management in Python involves a private heap

containing all Python objects and data structures.

Basic game development.

Security and penetration testing.

Q) 15 . How to install Python on Windows and set path variable?

Ans -- Right-clicking This PC and going to Properties.

Clicking on the Advanced system settings in the menu on the left.

Clicking on the Environment Variables button o​n the bottom right.

In the System variables section, selecting the Path variable and clicking on Edit.

The next screen will show all the directories that are currently a part of the PATH variable.

Clicking on New and entering Python’s install directory.

Q) 16 . Is indentation required in Python ?

Ans -- Indentation is mandatory in python to define the blocks of statements.