1. **Who developed Python Programming Language?**It was created by Guido van Rossum and first released in the year 1991
2. **Which type of Programming does Python support?**Python is a multi-paradigm programming language. Object-oriented programming and structured programming are fully supported, and many of their features support functional programming and aspect-oriented programming (including metaprogramming and metaobjects). Below can be done by Python:  
   System Programming
   1. Graphical User Interface
   2. Web Scrapping
   3. Managing Database
   4. Fast Prototyping
   5. Numeric / Scientific Programming
   6. Game development
   7. Image Processing
   8. Robotics
   9. Automation
   10. Data science
   11. Data Mining
3. **Is Python cate sensitive when dealing with identifiers?**Yes, Python is a case-sensitive language.
4. **What is the correct extension of the Python file?**The Files with the **. py** extension contain the Python source code.
5. **Is Python code complied or interpreted?**  
   interpreted
6. **Name a few blocks of code used to define in Python language?**Indentation is used to define a block of code in python.
7. **State a character used to give single-line comments in Python?**We can write a single-line comment by adding a single **#** character before any statement or line of code.
8. **Mention functions which can help us to find the version of python that we are currently working on?**To get the Version of the python Interpreter, they are listed as follows:
   1. Using **sys.version** method  
      *import sys*

*sys.version*

* 1. Using **python\_version()** function  
     *from platform import python\_version  
     print("Current Python Version-", python\_version())*
  2. Using **Python -V** command in command prompt or powershell

1. **Python supports the creation of anonymous functions at runtime, using @ construct called lambda.**
2. **What does pip stand for python?**Preferred Installer Program
3. **Mention a few built-in functions in python?**print( ) function.

type( ) function.

input( ) function.

abs( ) function.

pow( ) function.

dir( ) function.

sorted( ) function.

max( ) function.

1. **What is the maximum possible length of an identifier in Python?**79 characters
2. **What are the benefits of using Python?**Simple to Use and Understand

Free and Open-Source

Productivity has Increased

Interpreted Language

Extensive library

Dynamically Typed

Portability

Supportive community

1. **How is memory managed in Python**Memory management in Python involves a private heap containing all Python objects and data structures. The management of this private heap is ensured internally by the Python memory manager.
2. **How to install Python on Windows and set path variables?**Install python from this link <https://www.python.org/downloads/>

After this, install it on your PC. Look for the location where PYTHON has been installed on your PC using the following command on your command prompt: cmd python.

Then go to advanced system settings and add new variable and name it as PYTHON\_NAME and paste the copied path.

Then look for the path variable, select its value and select edit

Add a semicolon towards the end of the value if it's not present and then type **%PYTHON\_HOME%**

1. **Is indentation required in python?**Indentation is mandatory in python to define the blocks of statements.