1 Ans: [Guido van Rossum](https://www.google.com/search?sxsrf=APwXEdd0d2uxDX2KyQoC_aeuqojiggp7aw:1680155940121&q=Guido+van+Rossum&stick=H4sIAAAAAAAAAONgVuLUz9U3MMwwME1-xGjCLfDyxz1hKe1Ja05eY1Tl4grOyC93zSvJLKkUEudig7J4pbi5ELp4FrEKuJdmpuQrlCXmKQTlFxeX5gIACMWaE1cAAAA&sa=X&ved=2ahUKEwiyn-nP_IL-AhWaAYgKHWteAFcQzIcDKAB6BAg3EAE)

2 Ans: Python is interpreted, object oriented high level programming language.

3 Ans: Yes, Python is case sensitive language.

4 Ans: .py

5 Ans: Python is an interpreted language.

6 Ans: The following are blocks: a module, a function body, and a class definition

7 Ans: # is used for single line comment.

8 Ans: from platform import python\_version

print(python\_version())

9 Ans: A lambda keyword is used to define anonymous function.

10 Ans: pip Install Packages

11 Ans: bool(),list(),len(),print(),range(),slice() are some inbuilt python functions.

12 Ans: 79 characters

13 Ans: High level built in data structures.

Dynamic typing.

Is simple and easy to learn.

Extensive Standard library are available.

Supports modules and packages.

14 Ans: Memory in Python is managed by **Python private heap space**. All Python objects and data structures are located in a private heap.

15 Ans:

1. Right click on My Computer and click on properties.
2. Click on Advanced System settings.
3. Click on Environment Variable tab.
4. Click on new tab of user variables.
5. Write path in variable name.
6. Copy the path of Python folder.
7. Paste path of Python in variable value. Click on Ok button: Click on Ok button:

16 Ans: Yes, otherwise it will show error.