

- 1) Who developed python programming Language? ans :- Guido van Rossum
- 2) Which type of programming does python support? ans :-python is Object-oriented Programming
- 3)is python case sensitive when dealing with identifier? ans :- Yes, python is case sensitive
- 4)What is the correct extension of the python file? ans :- extension for python is .py and for jupyter notebook is .ipynb
- 5)is python code compiled or interpreted? ans :- python is Interpreted
- 6) Name a few block of code used to define in python language? ans :- The following are blocks: a module, a function body, and a class definition.
- 7)State a character used to give single line comments in python? ans :- # is used to give single line comments.
- 8) Mention function which can help us to find the version of python that we are currently working on? ans :- sys.version()
- 9) python supports the creation of anonymous function at runtime,using construct called ____ ans :- lambda
- 10)what does pip stands for? ans :-Preferred installer program
- 11)mention a few built-in function in python? ans :- str(),abs(),dict(),float(),int(),list(),tuple()
- 12)what is the maximum possible length of an identifier in python? ans :- 79 characters
- 13) what are the benefits of using python? ans :- 1)quality of software 2)productivity of developers 3)portability 4)supporting libraries 5)easy to learn
- 14)how is memory managed in python? ans :-Memory management in Python involves a private heap containing all Python objects and data structures.
- 15) how to install python on windows and set path variables? ans :-
Download the binaries Run the Executable installer Add Python to PATH environmental variables

-> TO ADD PATH

The complete path of python.exe can be added by:

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 on 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.

- 16) is indentation required in python? ans :- Yes, indentation is required in python. Footer © 2023 GitHub, Inc.
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