ASSINGMENT

Q1. Who Developed Python Programming language?

Ans:- Guido van Rossum

Q2. Which type of Programming does Python Support?

Ans:- Object – oriented

Q3. Is Python Case sensitive while dealing with identifiers?

Ans:- yes

Q4. What is the correct Extension of python file?

Ans:- pyc

Q5. Is Python code compiled or interpreted?

Ans:- Interpreted

Q6. Name a few blocks of code used to define in Python language?

Ans :- Module,function body, class etc

Q7. State a Character used to give a single-line comments in python language?

Ans:- #

Q8. Mention functions which can help us to find the version of python that we are currently working on?

Ans:- sys.version

Q9. Python supports the creation of anonymous function at runtime, using a construct called \_\_\_\_\_\_

Ans:- Lambda

Q10. What does pip stand for python?

Ans:- pip install packages

Q11. Mention a few bulit-in function in python?

Ans:- int(),dic{},sets(),list[]

Q12. What is the maximum possibles length of an identifier in python?

Ans:- 79 character

Q13. What are the benefits of using Python?

Ans:- Easy comprehension , flexibility

Q14. How is memory managed inPython?

Ans:- Python uses the dynamic memory allocation which is managed by the Heap data structure.

Q15. How to install python on windows and set path variables?

Ans:-

1. Right-clicking This PC and going to Properties.
2. Clicking on the Advanced system settings in the menu on the left.
3. Clicking on the Environment Variables button on the bottom right.
4. 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.
5. Clicking on New and entering Python’s install directory.

Q16. Is identation required in python?

Ans:- yes