**PYTHON**

**Assignment Questions**

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**Assignment Questions**

1. **Who** developed **Python** Programming Language?

Ans: Guido van Rossum

2. **Which type of** Programming **does** Python support**?**

Ans: Object Oriented Programming

3. Is **Python** case sensitive when dealing with identifiers?

Ans: Yes

4. **What** is the correct extension of the Python file?

Ans: .py

**5.** Is Python **code compiled** or interpreted**?**

Ans: Compile first and then interpreted

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

**Ans: if (condition):**

**# Statement 1**

**# Statement 2**

**# Statement 3**

**else:**

**# Statement 4**

**# Statement 5**

**# Statement 6**

**7.** State a **character** used to give single-line comments in **Python?**

Ans: hash (#) character

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8. Mention functions 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 functions at runtime, using a construct called

Ans: Lambda Function

10. **What** does **pip** stand **for python**?

Ans: Python Package Index

11. Mention **a** few built-**in** functions in python?

Ans: len(), bin(), abs(), start()

12. **What is** the maximum possible length **of** an identifier **in Python?**

Ans: 79 characters

13. What are the benefits of **using Python**?

Ans: portability and interactivity, making it that much easier to learn.

14. How **is** memory managed **in** Python**?**

**Ans:** Python has a private heap that stores our program’s objects and data structures. Python memory manager takes care of the bulk of the memory management work and allows us to concentrate on our code.

15. **How** to install **Python** on Windows **and** set **path** variables?

Ans: Open an administrative command prompt by going to. Start > Windows System > Command …

1. Once the Type in the python command, and then press Enter. If the System Variable Path is …
2. To begin, type in Win+R to open a run dialog box, Then type in sysdm.cpl and hit enter. This …
3. This will open both the User and System Variables dialog box.

16. Is indentation **required in python?**

**Ans: Yes**

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