



**I. Answer the following questions:**

[3 x 2 = 6]

1. What is a Tuple? Give an example.
2. How Python represents the private and protected Access specifiers?
3. What is Sorting?

**II. Answer the following questions:**

[3 x 3 = 9]

4. Differentiate Concrete data type and abstract datatype.
5. Define Global scope with an example.
6. Write a note on Asymptotic notation.

**III. Answer the following questions:**

[2 x 5 = 10]

7. Explain the types of scopes for variable or LEGB rule with example.
8. Discuss about Linear search algorithm.

-----ALL THE BEST-----

Test should be written under the supervision of your parents and get the answer paper signed from them.

No corrections should be made after the test timings. We expect your honesty.

Test Papers have to be submitted after the completion of all the 4 tests.

Submission Date of Test Papers: 27<sup>th</sup> June, 28<sup>th</sup> June 29<sup>th</sup> June

Timings: 9.30 AM – 1.00 PM / 5 PM- 8 PM