

OBSERVATION :-

The supplied Sida cordifolia (Bajramuli) plant is an angiospermic plant as it contains flowers and ~~closed~~ consists of mainly two parts :-

- a) Root system
- b) Shoot system

The root system is positively geotropic (grows towards the soil) and negatively heliotropic (away from light) whereas the shoot system is negatively geotropic (grows away from earth) and also positively phototropic (towards light). The different parts of these systems are mentioned as follows :-

A. Root system

It grows underground and branched profusely having the following parts,

- 1) Primary tap root - It is the main root produced by the extension of the radicle of seedling from which secondary and tertiary roots arise.
- 2) Secondary roots - The tap root gives rise to many secondary roots which are comparatively thinner than the main root.
- 3) Tertiary roots - These roots arise from the secondary roots and are much thinner.