



## Class: XI Practical

Dear Students,

Refer the Lab-Manual and do the following experiments.

Writing can be done on the ruled side and the diagrams can be drawn on the plain side of the Record Book.

1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae).
2. Test for the presence of starch, proteins and fats in suitable plant and animal materials.
3. Test for presence of **urea** in urine.
4. Test for presence of **sugar** in urine.
5. Test for presence of **albumin** in urine.
6. Preparation and study of **T.S. of dicot and monocot stems, T.S. of dicot and monocot roots.** (primary)
7. Study of **distribution of stomata** on the upper and lower surfaces of leaves.
8. Specimens/slides/models and identification with reasons - ***Oscillatoria, Spirogyra, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant***
9. Virtual specimens/slides/models and identifying features of ***Ascaris, leech, earthworm, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.***
10. Different types of inflorescence (cymose and racemose).
11. Human skeleton and different types of joints.