

RBSE Class 11 Biology Deleted Practical 2021



Board of Secondary Education Rajasthan, Ajmer Deleted Part of Syllabus Examination 2021

Subject : Biology Practical

Subject Code: 42

Class : 11th

A. List of Experiments

1. Fabaceae, types of root (tap or adventitious), stem (herbaceous/woody), leaf (arrangement/shapes/venation/simple or compound).
2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).
3. Study of osmosis by potato osmometer.
4. Study of plasmolysis in epidermal peels (e.g. Rhoeo leaves).
5. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
6. Test for the presence of sugar, starch, protein and fats. To detect them in suitable plant and animal materials.
7. To test the presence of urea, bile salts in urine.

B. Study/observation of the following (spotting)

1. Study of tissues and diversity in shapes and sizes of plant and animal cells (e.g. palisade cells, guard cells, parenchyma, collenchyma, selenchyma, xyle, phloem, squamous epithelium, muscle fibres and mammalian blood smear) through temporary/permanent slides.
2. Study of different modifications in root, stem and leaves.
3. Study and identify different type of inflorescences.
4. Observation and comments on the experimental set up on :
 - (a) Anaerobic respiration
 - (b) Phototropism
 - (c) Apical bud removal
 - (d) Suction due to transpiration
5. To study human skeleton and different types of joints.
6. To study of morphology of earthworm, cockroach and frog through models/preserved specimens.