

SSC PRACTICAL BIOLOGY

Class 9th

| Practical No | Experiment |
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| 1 | Microscope, Examination and its handling |
| 2 | To study Mitosis and Meiosis by sing charts and Models |
| 3 | Onion peel and frog's Epithelial lining of buccal cavity |
| 4 | Study of Euglena and Chlamydonas |
| 5 | Study of Amoeba and Paramecium with the help of permanent slides and charts. |
| 6 | Study of External Morphology of Brassica plant or any other Appropriate Plant |
| 7 | Dissection of frog and demonstration of internal organs of frog. Charts may also be used for demonstration. |
| 8 | Experiment to demonstrate the process of Osmosis and diffusion. |
| 9 | Experiment to demonstrate the passage of water (coloured red) in plant. |
| 10 | Experiment to demonstrate the process of photosynthesis using an equatic plant like Hydrilla |
| 11 | Demonstration of photosynthesis by Printing |
| 12 | Experiment to demonstrate the process of transpiration. |
| 13 | Experiment to demonstrate the process of respiration by using caustic Potash |
| 14 | Study of different types of roots, stems and leaves which store food materials (carrot, radish, turnip, potato, ginger, onion) |
| 15 | Study of insectivorous plants by means of models and charts. |
| 16 | To study classification of Plants (I). Bacteria Bacilli (II). Algae Spirogyra (III). Fungi Agaricus (IV). Mosses Funaria (V). Fein Selaginella and Adiatum (VI). Gymnosperm Pinus and Thuja (VII). Angiosperm Grass, Ros, Brassica |
| 17 | To study classification of Animals (I). Phylum Protozoa Amoeba (II). Phylum Porifera Sponge (III). Phylum Coelenterata Jelly Fish (IV). Phylum Platyhelminthes Tape Worm (V). Phylum Aschelminthes (Nematoda) Round Worm (VI). Phylum Annelida Earth-Worm (VII). Phylum Mollusca Snail (VIII). Phylum Arthropoda Prawn & Butterfly |

PRACTICALS FOR 9TH CLASS