INDEX

Name of the experiment	Page No.	Date	Signature
A. List of experiments to be performed			
1. Study the parts of compound microscope	1 - 6		
2. To observe mitochondria in onion peel cells	7 - 9		
3. Biochemical tests	10 - 13		
4. Preparation of stained squash of onion root tip for study of mitosis.	14 - 19		
5. To prepare temporary stained slides of Dicot and Monocot specimens	20 - 26		
6. Study of plant Families (Vegetative and Floral characteristics).	27 - 36		
7. To prepare a temporary stained slide of squamous epithelium	37 - 38		
8. To study the effect of light on the rate of Photosynthesis	39 - 43		
9. To study human dentition	44 - 45		
10. To study the effect of enzymes on starch, egg albumin and fats	46 - 48		
11. To test urine sample for normal and abnormal constituents	49 - 52		
B. Demonstrative experiments (Spotting) :			
1. Study of specimens and identification with reasons	53 - 62		
2. Study of specimens and their identification	63 - 78		
3. Study of permanent slides of T.S. of sunflower and maize roots	79 - 81		
4. Study of modifications of root, stem and leaf	82 - 87		
5. Study and identification of Inflorescence	88 - 89		
6. Study of animal tissues like blood smear, cartilage, mammalian bone and muscles (striated, non-striated and cardiac)	90 - 95		
7. Demonstration of Aerobic respiration using Ganong's respirometer	96 - 98		
8. Demonstration of Anaerobic respiration	99 - 100		
9. Study of the External features and Digestive system of Cockroach with the help of ICT / Charts / Models / photographs	101 - 105		
10. Study of Mouth parts, Gizzard and Trachea of Cockroach with the help of ICT / Charts / Models / Photographs	106 - 109		
11. Study of histology of digestive organs of mammals viz, T.S. of Pancreas, small intestine and Liver	110 - 112		
12. Study of Human skeleton (Axial and Appendicular skeleton)	113 - 120		
C. List of Projects	121		