

K.T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar.
Department of Zoology
Syllabus Completion Report
A.Y.-2022-2023 (Semester V)

T. Y.B. Sc. Zoology
Course Title:- Histology

Course Code: ZO – 352

Sr. no.	Month	Topics	Teacher
1.	Sept & Oct	1. Introduction: Definition and Scope of Histology. Definitions and Review of Types of Tissues: 2.1 Epithelial tissue. 2.2 Connective tissue. 2.3 Nervous tissue. 2.4 Muscular tissue.	SSN
2.	Oct	3. Histological study of following mammalian organs: 3.1 Skin (V. S.). 3.2 Tooth (V. S.). 3.3 Tongue (C. S.) with reference to mucosa papillae and taste buds 4. Histological study of Alimentary canal and Liver: 4.1 Oesophagus (T. S.). 4.2 Stomach (T. S.). 4.3 Duodenum (T. S.). 4.4 Rectum (T. S.). 4.5 Liver (C. S.).	SSN
3.	Oct	5. Histological study of Respiratory organs: 5.1 Trachea (T. S.). 5.2 Lung (C. S.).	SSN
4.	Nov	6. Histological study of Excretory organs: 6.1 Kidney (L. S.). 6.2 Juxtaglomerular complex.	SSN
5.	Nov	7. Histological study of Reproductive organs: 7.1 Testis (T. S.) with reference to Seminiferous Tubules and Cells of Leydig. 7.2 Ovary (C. S.).	SSN
6.	Nov	8. Histology of Endocrine glands: 8.1 Pituitary gland. 8.2 Thyroid gland. 8.3 Adrenal gland. 8.4 Pancreas (C. S.) including both exocrine and endocrine components.	SSN

As per above mention theory syllabus of Semester I completed successfully. For completion of this syllabus 45 lectures are conducted.



Prof S. S. Naikare

Sr. no.	Month	Topic	Teacher
1.	Sep	1. Introduction to Aquarium Fish Keeping: 1.1 The potential scope of Aquarium Fish Industry as a Cottage Industry. 1.2 Exotic and Endemic species of Aquarium Fishes. 1.3 Nutritional value of fish	SSN
2.	Sep	2. Introduction to Aquarium Fish Keeping: 1.1 The potential scope of Aquarium Fish Industry as a Cottage Industry. 1.2 Exotic and Endemic species of Aquarium Fishes. 1.3 Nutritional value of fish	SSN
3.	Sep	3. Food and feeding of Aquarium Fishes: 3.1 Use of live fish feed organisms. 3.2 Preparation and composition of formulated fish feeds. 3.3 Overview on types of fish food.	SSN
4.	Oct	4. Fish Transportation: 4.1 Live fish transport: a) Fish handling. b) Fish packing. c) Fish forwarding techniques. 4.2 Causes of mortality in transport.	SSN
5.	Oct	5. Maintenance of Aquarium: 5.1 General Aquarium Maintenance - budget for setting up an Aquarium. 5.2 Fish Farm as a Cottage Industry, Rules & regulations of fish rearing. 5.3 Common diseases of Aquarium fish.	SSN
6.	Nov	6. Physico-chemical parameters of water for fish culture: 6.1 Acidity, Alkalinity, Calcium, Nitrate, Ammonia, Total hardness 7. Fish preservation: 7.1 Fish preservation and processing.	SSN
7.	Nov	8. Fish breeding: 8.1 Types of fish breeding - a) Natural fish breeding. b) Induced fish breeding	SSN

As per above mention theory syllabus of Semester I completed successfully. For completion of this syllabus 38 lectures are conducted.



Prof S.S. Naikare

K. T. S. P. MANDAL'S
HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR

Tal – Khed, Dist- Pune 410 505

A. Y. 2022-23

Department of Zoology

Report on Class Test conducted for T. Y. B. Sc. students

In our field of education students at center and their holistic development is the main objective. For that we use different student centric methods. The one of student centric method is Class test. I conducted Class Test of T. Y. B. Sc.

The Class test of T. Y. B. Sc. Students conducted on 15/12/2022 Total 14 students was present for this test.



Prof. S. S. Naikare

