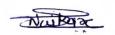
# K.T. S. P. Mandal's Hutatma Rajguru Mahavidyalaya, Rajgurunagar.

#### <u>Department of Zoology</u> Syllabus Completion Report A.Y.-2022-2023 (Semester V)

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

Sr. no. Month **Topics Teacher** 1. Sept & 1. Introduction: Definition and Scope of Histology. Definitions Oct and Review of Types of Tissues: 2.1 Epithelial tissue. 2.2 SSN Connective tissue. 2.3 Nervous tissue. 2.4 Muscular tissue. 2. Oct 3. Histological study of following mammalian organs: 3.1 SSN Skin (V. S.). 3.2 Tooth (V. S.). 3.3 Tongue (C. S.) with reference to mucosa papillae and taste buds4. 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.). 3. Oct **5.Histological study of Respiratory organs:** 5.1 Trachea (T. SSN S.). 5.2 Lung (C. S.). 4. Nov **6. Histological study of Excretory organs:** 6.1 Kidney (L. S.). SSN 6.2 Juxtaglomerular complex. 5. **7.Histological study of Reproductive organs:** 7.1 Testis (T. S.) SSN Nov 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.

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



Course Code: ZO – 352

Prof S. S. Naikare

T. Y.B. Sc. Zoology Course Title: Aquarium management Course Code: ZO – 3510

Sr. no.	Month	Topic	Teacher
1.	Sep	1. Introduction to Aquarium Fish Keeping: 1.1 The	SSN
		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	
2.	Sep	2. Introduction to Aquarium Fish Keeping: 1.1 The	SSN
		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	
3.	Sep	<b>3. Food and feeding of Aquarium Fishes:</b> 3.1 Use of	SSN
		live fish feed organisms. 3.2 Preparation and	
		composition of formulated fish feeds. 3.3 Overview on	
		types of fish food.	
4.	Oct	<b>4. Fish Transportation:</b> 4.1 Live fish transport: a)	SSN
		Fish handling. b) Fish packing. c) Fish forwarding	
		techniques. 4.2 Causes of mortality in transport.	
5.	Oct	<b>5. Maintenance of Aquarium:</b> 5.1 General Aquarium	SSN
		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.	
6.	Nov	6. Physico-chemical parameters of water for fish	SSN
		culture: 6.1 Acidity, Alkalinity, Calcium, Nitrate,	
		Ammonia, Total hardness7.Fish preservation: 7.1 Fish	
		preservation and processing.	
7.	Nov	<b>8. Fish breeding:</b> 8.1 Types of fish breeding - a)	SSN
		Natural fish breeding. b) Induced fish breeding	

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



#### K. T. S. P. MANDAL'S

### HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR

Tal – Khed, Dist-Pune 410 505

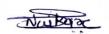
A. Y. 2022-23

# **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

