

Academic Schedule: Aquarium Fish Keeping

2021 - 2022

Teachers:

Theory: Dr. Moses Rinchui Ngasainao

Practical: Dr. Moses Rinchui Ngasainao & Dr. Sushma Sharma

B. Sc Zoology
(Hons) 4th
Sem, SEC
Paper

Sl. No	Date	Day	Class	Unit/ Chapter/ Unit
1	3-Jan	Monday	Practical	Introductory class
2	5-Jan	Wednesday	Theory	Unit 1: Introduction to Aquarium Fish Keeping The potential scope of Aquarium Fish Industry as a Cottage Industry, Exotic and Endemic species of Aquarium Fishes
3	6-Jan	Thursday	Practical	Introductory class
4	10-Jan	Monday	Practical	Study of different species of Aquarium fishes and biology (Breeding, Feeding economic importance etc) of exotic and endemic fish.
5	12-Jan	Wednesday	Theory	Unit 2: Biology of Aquarium Fishes Study of different species of Aquarium fishes and biology (Breeding, Feeding economic importance etc) of exotic and endemic fish.
6	13-Jan	Thursday	Practical	Study of different species of Aquarium fishes and biology (Breeding, Feeding economic importance etc) of exotic and endemic fish.
7	17-Jan	Monday	Practical	Study of Sexual Dimorphism of Fresh water and Marine Aquarium Fish (Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish, Butterfly fish)
8	19-Jan	Wednesday	Theory	Unit 2: Biology of Aquarium Fishes Study of different species of Aquarium fishes and biology (Breeding, Feeding economic importance etc) of exotic and endemic fish.
9	20-Jan	Thursday	Practical	Study of Sexual Dimorphism of Fresh water and Marine Aquarium Fish (Guppy, Molly, Sword tail, Gold fish, Angel fish, Blue morph, Anemone fish, Butterfly fish)
10	24-Jan	Monday	Practical	Construction and maintenance of Glass Aquarium
11				REPUBLIC DAY
12	27-Jan	Thursday	Practical	Construction and maintenance of Glass Aquarium
13	31-Jan	Monday	Practical	Construction and maintenance of Filter System Using Indigenous Locally available materials.
14	4-Feb	Wednesday	Theory	Unit 2: Biology of Aquarium Fishes Common characters and sexual dimorphism of Fresh water and Marine Aquarium fishes: Angel fish, Blue morph, Anemone fish and Butterfly fish.
15	5-Feb	Thursday	Practical	Construction and maintenance of Filter System Using Indigenous Locally available materials.
16	7-Feb	Monday	Practical	Type, composition and formulation of fish feed (using Pearson Square Methods)
17	9-Feb	Wednesday	Theory	Unit 2: Biology of Aquarium Fishes Common characters and sexual dimorphism of Fresh water and Marine Aquarium fishes :Angel fish, Blue morph, Anemone fish and Butterfly fish.

18	10-Feb	Thursday	Practical	Type, composition and formulation of fish feed (using Pearson Square Methods)
19	14-Feb	Monday	Practical	Monitoring of aquarium water quality (Temperature, pH, Dissolved Oxygen) through titrimetry methods.
20	16-Feb	Wednesday	Theory	Unit 3: Food and feeding of Aquarium fishes Use of live fish feed organisms (Advantages and Disadvantages of live food)
21	17-Feb	Thursday	Practical	Monitoring of aquarium water quality (Temperature, pH, Dissolved Oxygen) through titrimetry methods.
22	21-Feb	Monday	Practical	Monitoring of aquarium water quality (Carbon dioxide) through titrimetry methods.
23	23-Feb	Wednesday	Theory	Unit 3: Food and feeding of Aquarium fishes Use of formulated feeds, Types of formulated feed, Advantages and disadvantages of formulated feed
24	24-Feb	Thursday	Practical	Monitoring of aquarium water quality (Carbon dioxide) through titrimetry methods.
25	28-Feb	Monday	Practical	Monitoring of aquarium water quality (Ammonical N-Load) through titrimetry methods.
26	2-Mar	Wednesday	Theory	Unit 3: Food and feeding of Aquarium fishes Formulation and preparation of feed
27	3-Mar	Thursday	Practical	Monitoring of aquarium water quality (Ammonical N-Load) through titrimetry methods.
28	7-Mar	Monday	Practical	Monitoring of aquarium water quality (Ammonical N-Load) through titrimetry methods.
29	9-Mar	Wednesday	Theory	Class Test for Unit 1 + 2 + 3
30	10-Mar	Thursday	Practical	Monitoring of aquarium water quality (Ammonical N-Load) through titrimetry methods.
31	14-Mar	Monday	Practical	To write a project proposal for setting up a small aquarium fish keeping as a cottage industry to a funding agency for self-employment of youths or for helping poor farmers; after visiting any farm/enterprise.
32	16-Mar	Wednesday	Theory	Unit 4: Fish Transportation Live fish transport (Capture and Pre-transport Maintenance, Capture and Handling techniques)
33	17-Mar	Thursday	Practical	To write a project proposal for setting up a small aquarium fish keeping as a cottage industry to a funding agency for self-employment of youths or for helping poor farmers; after visiting any farm/enterprise.
34	23-Mar	Wednesday	Theory	Fish packing and transport (Closed and open transport system,
35	24-Mar	Thursday	Practical	Revision of Unit 1
36	28-Mar	Monday	Practical	Revision of unit 1
37	30-Mar	Wednesday	Theory	Procedure for packaging, Precautions, Post transport maintenance), General Handling techniques
38	31-Apr	Thursday	Practical	Revision of Unit 2
39	4-Apr	Monday	Practical	Revision of Unit 2

40	6-Apr	Wednesday	Theory	Unit 5: Maintenance of Aquarium General Aquarium maintenance
41	7-Apr	Thursday	Practical	Revision of Unit 3
42	11-Apr	Monday	Practical	Revision of Unit 3
43	18-Apr	Monday	Practical	Revision of Unit 4
44	20-Apr	Wednesday	Theory	Unit 5: Maintenance of Aquarium Budget for setting up an Aquarium Fish Farm as a Cottage Industry.
45	21-Apr	Thursday	Practical	Revision of Unit 4
46	25-Apr	Monday	Practical	Revision of Unit 5
47	27-Apr	Wednesday	Theory	Unit 5: Maintenance of Aquarium Test
	28-Apr	Thursday	Practical	Revision of Unit 5