

LECTURE SCHEDULE

AQC-212 Ornamental Fish Production and Management 2 (1+1)

SL.NO.	TOPIC	No. of Classes
THEORY:		
1	World trade of ornamental fish and export potential	1
2	Different varieties of exotic and indigenous ornamental fishes.	1
3	Principles of a balanced aquarium	1
4	Fabrication, setting up and maintenance of freshwater and marine aquarium	1
5	Water quality management.	1
6	Water filtration system- biological, mechanical and chemical.	1
7	Types of filters.	1
8	Aquarium plants and their propagation methods.	1
9	Lighting and aeration. Aquarium accessories and decorative.	1
10	Aquarium fish feeds. Dry, wet and live feeds.	1
11	Breeding and rearing of ornamental fishes.	1
12	Broodstock management.	1
13	Application of genetics and biotechnology for producing quality strains.	1
14	Management practices of ornamental fish farms.	1
15	Common diseases and their control.	1
16	Conditioning, packing, transport and quarantine methods.	1
17	Trade regulations and wild life act in relation to ornamental fishes.	1
Total		17
PRACTICALS:		
18	Identification of common ornamental fishes and plants.	3
19	Fabrication of all-glass aquarium	1
	Setting up and maintenance of Aquarium accessories and equipment	1
20	Conditioning and packing of ornamental fishes	1
21	Preparation of feed	1
22	Setting up of breeding tank for live bearers, barbs, goldfish, tetras, chichlids, gouramis, fighters and catfishes	8
23	Identification of ornamental fish diseases and prophylactic measures	1
Total		16

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