

**Syllabus for Assistant Director of Fisheries / District Fisheries
Development Officer under Fisheries Department, 2020**

The examination will comprise of the following papers:

Sl. No.	Subject	Marks Allotted	Duration
(1)	Paper - I	: 200	3 hrs.
(2)	Paper - II	: 200	3 hrs.
(3)	Fisheries Paper - I	: 200	2 hrs.
(4)	Fisheries Paper - II	: 200	2 hrs.
	Total	: 800	
	Personal Interview	: 100	

DETAILS OF SYLLABUS :

(1) Paper-I (Objective Type MCQ) : 200 Marks

- (a) Current events of national and international importance
- (b) History of India and Indian National Movement
- (c) Indian and World Geography - Physical, Social, Economic Geography of India and the World
- (d) Indian Polity and Governance - Constitution, Political System, Panchayati Raj, Public Policy, Rights Issues, etc.
- (e) Economic and Social Development Sustainable Development, Poverty, Inclusion, Demographics, Social Sector initiatives, etc.
- (f) General issues on Environmental Ecology, Bio-diversity and Climate Change - that do not require subject specialization
- (g) General Science
- (h) General awareness on Mizo culture, its heritage and society

(2) Paper-II (Objective Type MCQ) : 200 Marks

- (a) Comprehension
- (b) Interpersonal skills including communication skills
- (c) Logical reasoning and analytical ability
- (d) Decision-making and problem-solving
- (e) General mental ability
- (f) Basic computer knowledge
- (g) Basic numeracy (numbers and their relations, orders of magnitude, etc.), Data interpretation (charts, graphs, tables, data sufficiency etc.) (Class X level)
- (h) English Language Comprehension skills (Class XII level)

(3) Fisheries Paper - I (Objective Type MCQ) : 200 Marks

Basic Fisheries

1. Aquatic Environment Management 10 Marks
2. Fish Physiology and Biochemistry 10 Marks
3. Fisheries Extension..... 10 Marks
4. Fisheries Economics..... 10 Marks
5. Fisheries Resources Management 10 Marks
6. Seed Production and Cultivable fin and shell fishes 20 marks
7. Aquarium fishes and Aquarium Management 10 Marks
8. Larval nutrition and culture of fish food organism 10 Marks
9. Fish and shell fish physiology and endocrinology 10 Marks
10. Advance in Genetics..... 10 Marks
11. Aqua farming system 20 Marks
12. Fishing craft an gear 10 Marks
13. Sustainable Fisheries and Aquaculture..... 20 Marks
14. Aquatic ecosystems its dynamics..... 20 Marks
15. Fresh Water aquaculture, Mari culture and brackish water aquaculture 20 Marks

(4) Fisheries Paper - II (Objective Type MCQ) : 200 Marks

Applied Fisheries

1. Aquaculture 20 Marks
2. Aquatic Animal Health..... 20 Marks
3. Aquaculture Biotechnology 10 Marks
4. Fish genetics and Breeding 10 Marks
5. Fish Processing Technology 10 Marks
6. Fisheries Engineering and Technology 10 Marks
7. Soil and Water quality management in aquaculture 10 Marks
8. Nutrition and Feed Technology 10 Marks
9. Advances in Aquaculture production system 20 Marks
10. Advances in seed production and hatchery management..... 20 Marks
11. Applied Biotechnology 10 Marks
12. Marine electronics and communication system 10 Marks
13. Application of remote sensing in Fisheries 10 Marks
14. ICT applications in Fisheries 10 Marks
15. Innovation technologies in Fisheries 20 Marks
