

# **Syllabus for State Programme Manager (SPM) and District Programme Manager (DPM) under Fisheries Department, 2023**

The examination will comprise of the following papers:

<b>Sl. No.</b>	<b>Subject</b>	<b>Marks Allotted</b>	<b>Duration</b>
(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

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