IBPS AFO · C4S COURSES

Important Chapters in Fishery for IBPS AFO Exams

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Fishery Sciences is an essential subject for all agriculture-based competitive exams, including the **IBPS Agriculture Field Officer (AFO) Exam**. The **Government of India's** focus on the fishery sector through various schemes like **Blue Revolution** and **PM Matsya Sampada Yojana** makes this topic even more significant. Candidates preparing for the IBPS AFO Exam must focus on key areas in Fishery Sciences to maximize their scores.

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Fishery Module AFO

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Key Modules in Fishery Sciences for IBPS AFO Exam

Understanding the fundamental and applied aspects of Fishery Sciences is crucial. Below are the **important modules**, with major focus areas marked in **red**.

Fish Biology

- Anatomy, morphology, life stages
- Growth rates, feeding habits
- **Reproduction and migration patterns**

Fish Physiology

- **Respiration, circulation, osmoregulation**
- Endocrine system and stress response

Fish Taxonomy

- Classification of fish species
- Identification keys and **binomial nomenclature**

Fish Population Dynamics

- Population structure, recruitment, mortality rates
- **Carrying capacity and stock assessment**

Aquaculture Principles

- Pond culture, cage culture, **recirculating systems**
- Broodstock management, **induced breeding**

Fish Genetics

- **Sex determination, hybridization, genetic selection**
- Cryopreservation of gametes

Fish Nutrition

- Nutritional requirements of fish species
- Feed formulation and **feed conversion efficiency**

Fisheries Management

- **Sustainable fishing practices, catch quotas**
- Marine protected areas, bycatch mitigation

Water Quality Management

- **Dissolved oxygen, pH, temperature**
- Ammonia, nitrite levels, and their impact on fish health

Fish Diseases

- **Common fish pathogens, disease diagnosis**
- Prevention and treatment methods

Fishing Gear and Methods

- Different types of **fishing gear and selectivity**
- Impact on fish populations

Marine and Freshwater Ecology

- **Environmental factors affecting fish populations**
- Differences between marine and freshwater ecosystems

Fish Processing and Preservation

- **Harvesting, handling, processing**
- Storage and marketing of fish products

Fisheries in News

- **Latest reports, schemes, and initiatives** from Government and international organizations

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To help candidates prepare effectively, **C4S Courses** offers a **structured test series** covering all essential topics.

Weekly Test Schedule

Every Monday	Animal Science & Fishery, Sericulture	BLOCK I
Every Tuesday	**Agronomy,Weed Sc, Soil Sc, Meteorology**	**BLOCK II**
EveryWednesay	**GPB,Pathology Physiology, Entomology**	**BLOCK III**

Every Thursday	**Hort & Food Sc**	**BLOCK IV**
Every Friday	**Eco, Ext, Eng &Irrigation**	**BLOCK V**
Every Saturday	**Current Agriculture**	**BLOCK VI**
Every Sunday	**Full Length Test along with QRE Test**	**BLOCK VII**

- **Monday** –
  - Animal Science & Fishery, Sericulture (**BLOCK I**)
- **Tuesday** –
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- **Wednesday** –
  - GPB, Pathology, Physiology, Entomology (**BLOCK III**)
- **Thursday** –
  - Horticulture & Food Science (**BLOCK IV**)
- **Friday** –
  - Economics, Extension, Engineering & Irrigation (**BLOCK V**)
- **Saturday** –
  - Current Agriculture Affairs (**BLOCK VI**)
- **Sunday** –
  - **Full-Length Test + QRE Test** (**BLOCK VII**)

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of the top 10 ranks	final selections, one batch	reached the interview	current affairs, free

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