

# ICAR AIEEA PG 2025 (Fisheries Science) Question Paper

Time Allowed :120 Minutes

Maximum Marks :480

Total Questions :120

## General Instructions

Read the following general instructions carefully and adhere to them strictly:

1. Duration of the Exam: The total duration of the examination is 2 hours.
2. Total Marks: The question paper carries a total of 480 marks.
3. Number of Questions: The paper contains 120 multiple-choice questions (MCQs)
4. Question Paper Format:
  - All questions are compulsory unless otherwise instructed.
  - Each question has four options, out of which only one is correct.
5. Mode of Examination: The examination is conducted in online mode (Computer-Based Test).
6. Marking Scheme:
  - Each correct answer carries 4 marks.
  - 1 mark will be deducted for each incorrect answer.
  - Nomarks will be awarded or deducted for unattempted questions.
7. Medium of Paper: The question paper will be bilingual (English and Hindi), except for the language section (if applicable).
8. Electronic Devices: Use of calculators, mobile phones, smartwatches or any electronic gadgets is strictly prohibited.

**1. Which is the fastest-growing freshwater fish species cultured in India?**

- (A) Catla catla  
(B) Labeo rohita  
(C) Pangasius hypophthalmus  
(D) Clarias batrachus

**2. Which hormone is commonly used for induced breeding of Indian major carps?**

- (A) Insulin

- (B) Gonadotropin-releasing hormone analogues (GnRH)
  - (C) Thyroxine
  - (D) Melatonin
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**3. Which device is used to measure dissolved oxygen in pond water?**

- (A) Hydrometer
  - (B) Secchi disc
  - (C) DO meter
  - (D) Thermometer
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**4. Which vitamin deficiency causes Lordosis in fish fry?**

- (A) Vitamin A
  - (B) Vitamin C
  - (C) Vitamin E
  - (D) Vitamin D
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**5. Which is the most common bacterial disease in freshwater aquaculture?**

- (A) Columnaris
  - (B) Argulosis
  - (C) Ichthyophthiriasis
  - (D) Dactylogyrosis
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**6. Which of these is an exotic carp introduced in India?**

- (A) Catla catla
  - (B) Labeo rohita
  - (C) Hypophthalmichthys molitrix
  - (D) Labeo calbasu
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**7. Who is known as the Father of Fisheries Science in India?**

- (A) Dr. Hiralal Chaudhuri
  - (B) Dr. K. H. Alikunhi
  - (C) Dr. K. Radha Krishnan
  - (D) Dr. S. Jones
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**8. Which preservative is commonly used in fish curing?**

- (A) Citric acid
- (B) Sodium benzoate
- (C) Common salt

(D) Formaldehyde

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**9. Which is the recommended protein level for carp grow-out feed?**

- (A) 15-20%
  - (B) 20-25%
  - (C) 30-35%
  - (D) 40-45%
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**10. Which method is used to calculate fish population in a water body?**

- (A) Mark and Recapture
  - (B) Transect Sampling
  - (C) Quadrat Method
  - (D) Radiography
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