

**PRABHAT KUMAR COLLEGE, CONTAI**  
**Question Paper**

**B.Sc. Honours Examination 2020**

(Under CBCS Pattern)

Semester-II

**Subject: AQUACULTURE MANAGEMENT**

Paper : C4 (T + P)

**Genetics & Reproduction in fish (Theory + Practical)**

Candidates are requested to give their answer in their own word as far as practicable.

Questions are of equal value

**Part A: Theory**

Answer any one question [within 250 words]

1. Write the structure and function of typical chromosome.
2. Write briefly the mechanism of natural breeding of fishes. Mention the significance of propagation.
3. Write briefly the process of brood stock management.
4. Distinguish between complete and incomplete linkage.
5. Write a short note on gametogenesis.
6. Describe the process of fertilization in fishes.

**Part A: Theory**

Answer any one question [within 150 words]

1. Write briefly the collection and preservation of pituitary gland in fishes.
2. Describe the process of preparation and administration of pituitary gland in fishes.
3. Write a short note on use of synthetic hormones for induced breeding of fishes.
4. Describe the seed production technology of Indian major carp.

E-mail id for submission of answer script: **acmh.pkc@gmail.com**