

Total No. of Printed Pages: 02

SUBJECT CODE NO: - YY-2420
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) F.Y. (SEM II)
Examination April / May - 2024
Fishery Science Paper-V Endocrinology and Physiology of Fishes

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

1) All questions are compulsory.

Q1 Describe in detail role of fish pituitary gland in reproduction

10

OR

Explain in brief:

- a) Hypothalamus as a neuroendocrine organ
- b) Thyroid gland in fishes.

Q2 Give an account of different methods used for isolation of fish pituitary gland.

10

OR

Explain in brief:

- a) History of artificial reproduction in fishes.
- b) Preparation of crude fish pituitary gland extract

Q3 Write short notes: (any two)

10

1. Circulation in fishes.
2. Physiology of digestion
3. Calcium metabolism
4. Islets of Langerhans

Q4 MCQ'S

10

1. Pituitary gland does not control the secretory activity of -----
 - a) Thyroid
 - b) Adrenal cortex
 - c) Adrenal medulla
 - d) Tester
2. The hormones FSH and LH are together called -----
 - a) Emergency hormone
 - b) Neuro hormone
 - c) Gonadotropin
 - d) Antistress hormone

