

PART B

01. Write a detailed account on the histological structure of the fish brain and comment on its importance for their aquatic life. Use diagrams whenever necessary.
(100 marks)
02. "Primary and secondary growth are considered as the most important phases in fish oocyte development." Explain this statement with the help of suitable examples.
(100 marks)
03. Write short notes on any 04 of the following.
- I. Importance of histological structure of integumentary system of fish
 - II. Histological differences found in smooth and cardiac muscle tissues of fish
 - III. Histological structure of fish testes
 - IV. Histology of fish thyroid
 - V. Phases of mitosis in cell division

(100 marks)

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