

HIMACHAL PRADESH,

BOARD OF DEPARTMENTAL EXAMINATION FARIDKOT-SHIMLA-12.

Departmental examination of other Gazetted Officers of Himachal Pradesh
Session Oct, 2014

Technical Paper-3 (Fisheries)

Maximum Marks 100

Time Allowed: 3 Hours

NOTE: (i) Answer any five questions

(ii) All questions carry equal marks

(iii) Paper is without reference books.

- I. Discuss the methods you would adopt to increase the fish production of state's Chamera reservoir and Ranjeet Sagar Dam, Reservoir; (20)
- II. What steps you would require for the setting up of a TROUT FARM in Tribal area of the state like Pangi. Discuss ECONOMIC VIABILITY of this farm. (20)
- III. Discuss BREEDING TECHNOLOGY of SILVER CARP and its role in the fishery of Gobindsagar reservoir. (20)
- IV. Discuss salient features of HP FISHERIES ACT, 16-1976. Give your suggestions for its improvement for developing fishery of the state. (20)
- V. Discuss fisheries resources of the state and what methods you would adopt for developing fisheries in high altitude lakes. (20)
- VI. Initiate a note on AIR BREEDING FISH CULTURE and discuss the BREEDING BEHAVIOR of any two AIR BREEDING FISH SPECIES. (20)
- VII. Write short notes on any four of the following:
 - a) HYPOPHYSATION;
 - b) FISH MIGRATION;
 - c) NUTRITIONAL VALUE OF TROUT; (5 marks for each= 20)
 - d) FECUNDITY;
 - e) Differentiate ARCTIC CHAR with COMMON CARP;
 - f) INLAND and MARINE FISHERY.