

**DEPARTMENTAL EXAMINATION OF OTHER GAZETTED OFFICERS  
OF HIMACHAL PRADESH SSESSION, APRIL, 2008**

**PAPER- 3 RULES AND ACTS PERTAINING TO THE DEPARTMENT OF  
FISHERIES.**

**Time Allowed: 3 Hours.  
100**

**Maximum Marks:**

**Note:- Attempt any FIVE questions. All questions carry equal marks.**

Q.No.1 Describe in brief the introduction of Exotic Fish species in Himachal Pradesh.  
Discuss their merits and demerits.

Q.No.2 what do you understand about stream ecology? What should be taken in your  
View for habit restoration and revival of riverine fishery of yesteryears in rivers  
And streams of the State?

Q.No.3 Write a detailed note on Food and feeding; maturity and breeding of Golden  
Masheers.

Q.No.4 Prepare a project for setting up a trout farming unit having production capacity  
Of 5 tones of trout for table purpose including its inputs and cost- benefit ratio.

Q.No.5 briefly describe the fishery of Maharana Partap Sagar. What is the maximum  
Fish production level which has been achieved from this reservoir ? What  
Additional steps should be taken to enhance the unit area fish production from  
This water body?

Q.No.6 Define Aquaculture. Give a brief account on its present status and future  
Prospects in Himachal Pradesh, including culturable fish species and cost-  
benefit  
Ratio.

Q.No.7 Write short note on any four of the following.

(i) Role of hydropower projects on the aquatic biodiversity of the open waters.

**( 3**

**Marks)**

(ii) Feed conversion ratio and Forage ratio.

**(3**

**Marks)**

(iii) Hypophysis and its role in fishery development.

**(3**

**Marks)**

(iv) Biological names of two species of trouts, two masher, silver carp, grass carp,  
Singhara, freshwater garfish, kurka, mrigal and gid.

**( 11**

**Marks)**

(v) Running water fish culture. (3  
**Marks)**

(vi) Fish migration and its importance. (3  
**Marks)**

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