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Register Number:

7298

Name of the Candidate:

DIPLOMA EXAMINATION - 2010

(COASTAL AGRICULTURE)

(PAPER – III)

130. COASTAL AQUACULTURE

December)
Hours

(Time: 3

Maximum: 100 Marks

I. Fill in the blanks (Any ten)

(10 × 1 = 10)

1. CIFE means _____
2. HTL means _____
3. The optimal salinity level for shrimp culture is _____ to _____ ppt.
4. Every brooder prawn lays _____ lakh eggs.
5. The traditional aquaculture system in Kerala is known as _____
6. The shrimps attain the maximum length of _____ to _____ cm.
7. The Bays are described as _____ structure.
8. The soft shell is a _____ in shrimp culture.
9. Mention any name of fin _____
10. India has mangroves on both _____ and _____ coast.
11. The green mussels were farmed at _____ in Kerala.
12. Write the scientific name of White shrimp _____.

II. Define (Any five):

(5 × 2 = 10)

1. Tidal action.
2. Bheries.
3. Mariculture.
4. induced breeding.
5. Live feed.
6. Chilka.
7. Creeks.

III. Write short notes (Any five):**(5 × 4 = 20)**

1. Air-breathing fish culture.
2. Capital-Output ratio.
3. Semi-intensive aquaculture system.
4. Inter-tidal line.
5. Lobster.
6. Aerators.
7. Pen culture.

IV. Briefly answer (Any five):**(5 × 12 = 60)**

1. Write in brief the non-recurring and recurring cost in shrimp culture.
2. Write in brief the alleged adverse effects of brackish water aquaculture on physical environment.
3. Shrimp is an export item - Discuss.
4. Write in brief the diversification in aquaculture.
5. Write the strategies for sustainable aquaculture.
6. The sustainability of natural resources is threatened by coastal aquaculture practices. Comment.
7. What are the non-technological constraints in aquaculture?

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