SCHEME AND SYLLABUS FOR THE RECRUITMENT TO THE POST OF
FISHERIES DEVELOPMENT OFFICER IN A.P. FISHERIES SERVICE

PART-A: WRITTEN (OBJECTIVE TYPE) EXAMINATION

<table>
<thead>
<tr>
<th>Paper-1</th>
<th>General Studies &amp; Mental Ability</th>
<th>150 Marks</th>
<th>150 Minutes</th>
<th>150 Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-2</td>
<td>Subject (Common for all candidates)</td>
<td>300 Marks</td>
<td>150 Minutes</td>
<td>150 Questions</td>
</tr>
</tbody>
</table>

PART-B: INTERVIEW

50 Marks

SYLLABUS

PAPER-1: GENERAL STUDIES MENTAL ABILITY

1. General Science – Contemporary developments in Science and Technology and their implications including matters of every day observation and experience, as may be expected of a well-educated person who has not made a special study of any scientific discipline.

2. Current events of national and international importance.

3. History of India – emphasis will be on broad general understanding of the subject in its social, economic, cultural and political aspects with a focus on AP Indian National Movement.

4. World Geography and Geography of India with a focus on AP.

5. Indian polity and Economy – including the country’s political system- rural development – Planning and economic reforms in India.

6. Mental ability reasoning and inferences

PAPER-2: SUBJECT

1. General principles of Taxonomy, outline classification and General characters on Non-Chordates and Chordates

2. General study of Parasitic and Pathogenic Protozoans, Helminthes and Arthropods with reference to Fish and Prawn culture


4. Fish growth – Morphometric and Meristic characters

5. Food and feeding habits with special reference to Digestion in Fish

6. Respiration and osmo-regulation in fishes

7. Endocrine system of fishes

8. Reproductive system and breeding habit in fishes

9. Adaptations – migration of fishes

10. Parental care of fishes

11. Culturable varieties of fish (indigenous and exotic) and Prawns


13. Fresh water aqua culture – fresh water fishery resources preparation and management of ponds – Aquatic weeds and control

14. Brackish water aquaculture – Brackish water fishery resources – management of brackish water ponds

15. General aspects of marine biology and mariculture – Mussel culture – Oyster culture – Fish and Crab culture and sea-weed culture

16. Study of major group of plankton and their importance in aquaculture

17. General account of fish and prawn diseases and their control

18. General principles of Ecology – aquatic ecosystem with reference to fresh water brackish water and marine environment

19. General methods of preservation and processing of fishes and prawns

20. Economic importance of fisheries – Fish by-products.

Sd/- Secretary