ANDHRA PRADESH PUBLIC SERVICE COMMISSION: HYDERABAD

NOTIFICATION NO.38/2016, Dated.30/12/2016

ASSISTANT DIRECTOR OF FISHERIES IN A.P FISHERIES SERVICE
(General Recruitment)

PARA-2: EDUCATIONAL QUALIFICATIONS:

Applicant must possess the qualifications as detailed below or equivalent thereto, as per the specifications in the relevant service rules and as per the indent received from the Department as on the date of notification.

Sl. No	Name of the Post	Essential Educational Qualifications
01	*Assistant Director of Fisheries in A.P Fisheries Service*	A first class degree of Master of Fisheries Science; OR A first class degree of M.Tech. in Aqua Cultural Engineering; In case candidates with the above qualification are not available, candidates with the following qualification may be considered. A first class degree of M.Sc. with Zoology / fisheries / Ichthyology / Marine Biology / Biological Science.

SCHEME AND SYLLABUS FOR THE POST OF ASSISTANT DIRECTOR OF FISHERIES IN A.P. FISHERIES SERVICE

SCHEME

WRITTEN EXAMINATION (Objective Type)				
		Max.Marks	No.of Questions	Duration
PAPER-1	General Studies & Mental Ability	150 Marks	150 Qns.	150 Minutes
PAPER-2	Subject	150 Marks	150 Qns.	150 Minutes
PAPER-3	Subject	150 Marks	150 Qns.	150 Minutes
Total:		450 Marks		

NEGATIVE MARKS: As per G.O.Ms. No.235, Finance (HR-I, Plg & Policy) Dept., Dt. 06/12/2016, for each wrong answer will be penalized with 1/3rd of the marks prescribed for the question.

SYLLABUS

PAPER -I

GENERAL STUDIES & MENTAL ABILITY

1. Events of national and international importance.
2. Current affairs- international, national and regional.
3. General Science and it applications to the day to day life Contemporary developments in Science & Technology and Information Technology
4. Social- economic and political history of modern India with emphases on Indian national movement.
5. Indian polity and governance: constitutional issues, public policy, reforms and e-governance initiatives.
6. Economic development in India since independence.
7. Geography of India with focus on A.P.

8. Disaster management: vulnerability profile, prevention and mitigation strategies, Application of Remote Sensing and GIS in the assessment of Disaster
9. Sustainable Development and Environmental Protection
10. Logical reasoning, analytical ability and data interpretation.
11. Data Analysis:
    Tabulation of data
    Visual representation of data
    Basic data analysis (Summary Statistics such as mean and variance coefficient of variation etc.,) and Interpretation
12. Bifurcation of Andhra Pradesh and its Administrative, Economic, Social, Cultural, Political, and legal implications/problems, including
    a). Loss of capital city, challenges in building new capital and it's financial implications.
    b). Division and rebuilding of common Institutions.
    c). Division of employees, their relocation and nativity issues.
    d). Effect of bifurcation on commerce and entrepreneurs.
    e). Implications to financial resources of state government.
    f). Task of post-bifurcation infrastructure development and opportunities for investments.
    g). Socioeconomic, cultural and demographic impact of bifurcation.
    h). Impact of bifurcation on river water sharing and consequential issues.
    i). AP REORGANISATION ACT, 2014 on AP and the arbitrariness of certain provisions.

PAPER-2: SUBJECT

Basic Fisheries

1. Aquatic Environment Management
2. Fish Physiology and Biochemistry.
3. Fisheries Extension.
4. Fisheries Economics.
5. Fisheries Resource Management.
6. Seed production of cultivable fin and shell fishes.
7. Aquarium fishes and Aquarium Managment.
8. Larval nutrition and culture of fish food organisms.
9. Fish and shell fish physiology and endocrinology.
10. Advances in genetics.
11. Aqua farming systems.
12. Fishing craft and gear.
13. Sustainable Fisheries and aquaculture.
14. Aquatic ecosystems its dynamics.
15. Fresh Water aquaculture, Mari culture and brackish water aquaculture.

PAPER-3: SUBJECT

Applied Fisheries

1. Aquaculture
2. Aquatic Animal Health.
3. Aquaculture Biotechnology.
4. Fish genetics and Breeding.
5. Fish processing Technology.
6. Fisheries Engineering and Technology.
7. Soil and water quality management in Aquaculture
8. Nutrition and Feed Technology.
9. Advances in Aquaculture production system.
10. Advances in seed production and hatchery management.
11. Applied Biotechnology
12. Marine electronics and communication systems.
13. Application of remote sensing in fisheries.
14. ICT applications in Fisheries.
15. Innovative technologies in fisheries.

Sd/-
SECRETARY