

సాధారణ అధ్యయనాలు మరియు మానసిక సామర్థ్యం

సాధారణ మానసిక సామర్థ్యం మరియు తార్కికం.

డేటా వ్యాఖ్యానంతో సహా పరిమాణాత్మక ఆఫ్టిట్యూడ్.

జనరల్ ఇంగ్లీష్.

ప్రాంతీయ, జాతీయ మరియు అంతర్జాతీయ ప్రాముఖ్యత యొక్క ప్రస్తుత వ్యవహారాలు.

జనరల్ సైన్స్ మరియు రోజువారీ జీవితానికి దాని అనువర్తనాలు, సైన్స్ అండ్ టెక్నాలజీ మరియు ఇన్ఫర్మేషన్ టెక్నాలజీలో సమకాలీన అభివృద్ధి.

AP పై ప్రత్యేక దృష్టి సారించిన భారతదేశ చరిత్ర & సంస్కృతి.

భారతీయ రాజకీయాలు మరియు పాలన: రాజ్యాంగ సమస్యలు, 73/74 వ సవరణలు, ప్రజా విధానం, సంస్కరణల కేంద్రం - ఆంధ్రప్రదేశ్కు సంబంధించిన నిర్దిష్ట సూచనలతో రాష్ట్ర సంబంధాలు.

సమాజం, సామాజిక న్యాయం, హక్కుల సమస్యలు.

భారత ఉపఖండం మరియు ఆంధ్రప్రదేశ్ యొక్క భౌతిక భౌగోళికం.

ఆంధ్రప్రదేశ్ ప్రభుత్వ ముఖ్య సంక్షేమం మరియు అభివృద్ధి పథకాలు.

_SYLLABUS FOR GENERAL POSTS – VILLAGE FISHERIES ASSISTANT

Written examination (Objective Type)	No., of questions	Duration (minutes)	Maximum Marks
Part- A : General Studies and mental ability	50	50	50
Part – B : General Fisheries, Inland Fisheries, Marine Fisheries, Aquaculture, Fishing Gear and Craft and Fisheries Management	100	100	100
TOTAL			150

Note:- For each correct answer 1 mark will be awarded and each wrong answer will carry 0.25 negative mark.

SYLLABUS FOR EXAMINATION TO THE POST VILLAGE FISHERIES ASISSTANT IN A.P. FISHERIES SUBORDINATE SERVICE

PART-A

GENERAL STUDIES AND MENTAL ABILITY

1. General Mental ability and reasoning.

2. Quantitative aptitude including data interpretation.
3. General English.
4. Current affairs of regional, national and International importance.
5. General Science and its applications to the day to day life, Contemporary development in science and Technology and information Technology.
6. History & Culture of India with specific focus on AP.
7. Indian polity and governance: constitutional issues, 73/74th Amendments, public policy, reforms ad centre – state relations with specific reference to Andhra Pradesh.
8. Society, Social justice, rights issues.
9. Physical geography of Indian sub-continent and Andhra Pradesh.
10. Key welfare & development schemes of Government of Andhra Pradesh.

PART-B- Fisheries

I. General

Fisheries:

1. Introduction to Fishes; Principles of Taxonomy; Classification of Fishes; Catadromous, Anadromous Fish migration
2. Commercially important species of Marine, Freshwater & Brackish water fishes of India & Andhra Pradesh
3. General Morphology, Anatomy, Physiology of Fishes, Shrimp, Prawn, Crab
4. Nutritive Value of Fish & Prawn
5. Status on Aquatic Production & Productivity of India & AP
6. Status of exports of aquatic products from India & AP 7. Carnivorous Fishes & Toxic aquatic species
8. Assessment of Quality of Fish.

II. Inland Fisheries

1. Inland Fisheries Resources of Andhra Pradesh
2. Types of water bodies exists in freshwater ecosystem
3. Ecology of Pond, tanks, lakes, Reservoir, River
4. Classification of Reservoirs & their Management;
5. Banned fish species and mechanism of disposal of stocks
6. Induced Breeding Techniques
7. Inland Fish Seed Farms & management
8. Cage culture in Reservoirs - pros & cons
9. Ornamental Fishes- Breeding & rearing techniques

III. Marine Fisheries:

1. Marine Resources of Andhra Pradesh

2. Tides, Currents, waves, monsoons, continental shelf, upwelling & sinking
3. Important marine fishery; coastal, offshore & deep sea species
4. Importance of by-catch Reduction Devices Turtle Excluder Device
5. Conservation of marine Turtles & mammals
6. Sea safety & Navigational equipment
7. Registration of marine Fishing Craft
8. Fish Landing Centres, Fishing Harbours Management
9. Important Deep sea fishes of India
10. Marine Cage Culture
11. Marine Fishing ban period
12. Coastal Security- MFR Act, MS Act.
13. Colour Code for Marine Fishing Boats

IV. Aquaculture:

1. Types of Aquaculture systems
2. Pond construction
3. Water & Soil management
4. Indian Major Carps Breeding & hatchery management
5. Nursery Management
6. Seed Rearing; Production management of Advanced Fingerling & Yearlings
7. Breeding & Hatchery management of Freshwater Prawn, *M. rosenbergii*
8. Breeding & Hatchery management of *L. vannamei*
9. Preliminary Concepts of Specific Pathogen Free brood stock, Nucleus Breeding Centre, Brood Stock Multiplication Centre, Aquatic Quarantine Facility
10. Integrated Fish farming with Paddy- Horticulture
11. Fish nutrition and feed management : Types of Feed, Feeding methods, Nutritional requirement of Fish; quantity of feed
12. Registration & Regularization of freshwater aquaculture ponds for culturing Indian Major Carps - DLC- Guidelines- Penalty & demolition on violations
13. CAA guidelines for registration of aqua farms and Hatcheries
14. Guidelines for culture of Nile Tilapia in ponds
15. Production & Productivity enhancement mechanisms
16. Common Diseases of aquatic animals & management
17. Concept of Biosecurity and HACCP
18. Best Management Practices for achieving sustainable production

V. Fishing Craft and Gear:

1. Types of Crafts & Gear used in capture fishery - marine, inland sectors

2. Different types of gear material
3. Mesh Size Regulation

VI. Fisheries Management:

1. Pollution & control measures
2. Marketing- Role of fisherwomen- Hygiene handling & maintenance of fish markets
3. Conservatory measures in marine & reservoir fisheries
4. Role of Gram Panchayats in development of fishery wealth
5. Lively hood enhancement & employment opportunities in fisheries sector
6. Various value added & health products
7. Usage of Banned Antibiotics in aquaculture and its implications on exports
8. Concept of Aqua zonation & its benefits in management
9. Role of Fisheries Co-operatives in enhancing the fish production & productivity in public water bodies
10. Natural calamities- Floods, Cyclones, Tsunamis- Role of communities, local bodies in preparedness
11. Role of Gram Panchayats in Maintenance of Fish Markets.