

**ANNEXURE - II****TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD  
SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST****FISHERIES DEPARTMENT TEST - II****PAPER CODE NO.s.(015, 024, 056, 085) (WITHOUT BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>015</b>	PAPER-I: INLAND FISHERIES (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>024</b>	PAPER-II: AQUACULTURE AND AQUATIC ANIMAL HEALTH MANAGEMENT (WITHOUTBOOKS)	2 Hours	100	<b>40</b>
<b>056</b>	PAPER-III: FISH HARVEST AND POST HARVEST TECHNOLOGY (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>085</b>	PAPER-IV: FISHERIES MANAGEMENT AND ADMINISTRATION (WITHOUT BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O.Rt.No.90 AHDD &amp; FISHERIES DEPT, Dated 06.06.2017

**FISHERIES DEPARTMENT TEST - II****PAPER CODE No. 015-PAPER-I: INLAND FISHERIES:**

**Introduction:** Inland Fisheries Resources of India and Telangana State. Salient Features of Fisheries Sector in India and Telangana State. Inland Fish Production Statistics in India and Telangana State based on Species, Water Body, Capture and Culture.

**Scope of Fisheries:** Scope of Fish and Prawn Farming in India and Telangana State Present Status and Problems in Fish and Prawn Farming.

**Inland Water Bodies:** Types -Ponds, Lakes, Tanks, Reservoirs, Bheels, Estuaries, Wetlands, Biosphere Reserves and Mangroves, Derelict Water Bodies, etc. Commonly available Fish (Native) in Inland Water Bodies. Types of Plankton, Aquatic Plants, Nekton and Benthos associated with Inland Water Bodies. Influence of Physical and Chemical conditions of the Environment on the Living Organisms in Inland waters.

**Cultivable Variety of Fish and Prawn:** Criteria for selection of Species for Culture in Rivers, Lakes and Reservoirs. Characteristics of Cultivable Freshwater Fishes: Indian

Major Carps, Exotic Carps, Minor Carps, Murrels, Catfishes, Perches, Tilapia, Pangassius, etc. Characteristics of Cultivable Freshwater Prawns: Scampi and Godavari River Prawn.

**Biology of Fish and Prawn:** External Morphology of Fish and Prawns. Taxonomy of commercially important Fish and Prawn. Anatomy of important cultivable species of Fish and Prawn with reference to Skeletal system, Digestive system, Respiratory system, Excretory system, Reproductive system, Circulatory system and Nervous system. Importance of Accessory Respiratory Organs in Fish. Food, Feeding Habits, Fecundity and Spawning of cultivable variety of Fish and Prawn. Age and Growth studies. Life Cycle of Fish and Prawn.

**Riverine Fisheries:** Ecology of Riverine Environment. Physico-Chemical and Hydrological features of Godavari River, Krishna River and their Tributaries located in the State of Telangana. Fauna and Flora associated with Godavari and Krishna Rivers, in relation to Fisheries.

**Riverine Fisheries Resources:** Status of Fisheries Resources in the Major Rivers of Telangana State. Direct and Indirect effects of Human intervention in Riverine Fish Production. Best Management Practices to improve Fish Production in the Riverine Systems. Construction of Dams across Rivers and their effect on Migratory Fish. Prospects of Natural Fish Seed collection in the Godavari and Krishna Riverine system.

**Fisheries of Lakes and Reservoirs:** Classification and Ecology of Lakes and Reservoirs. Present Production Levels in the Major Reservoirs of Telangana State. Best Management Practices to increase Fish Production Levels in Lakes and Reservoirs. Importance of Cage Culture system in the Reservoirs.

**Estuarine Fisheries:** Classification of Estuaries. Biota and Productivity of Godavari and Krishna Estuaries. Management problems in Estuarine Fisheries.

### **PAPER CODE No. 024 - PAPER-II: AQUACULTURE AND AQUATIC ANIMAL HEALTH MANAGEMENT:**

**Introduction:** History of Aquaculture. Scope and Importance of Aquaculture. Present status of Aquaculture in India and Telangana.

**Aquaculture Systems:** Traditional, Extensive, Semi-intensive and Intensive Methods of Fish Culture. Monoculture, Polyculture and Composite Fish culture systems. Culture of Fish in Ponds, Pens and Cages.

**Fish Farming:** Site Selection, Construction of Ponds, Nursery and Grow-out Pond Preparation, Fertilization, Stocking and Feeding schedules involved in the Farming of Indian Major Carps, Exotic Carps and Minor Carps, Magur, Singhi, Murrel, Tilapia, Pangasius, etc. Harvesting and Handling.

**Prawn Farming:** Culture of Giant Fresh Water Prawn (Scampi) – Mono and Poly Culture. Culture of conditioned Tiger Prawn and Vannamei in Inland Waters. Site selection, Construction of Ponds, Pond Preparation, Fertilization, Stocking, Feeding and Water Quality Management, Disease Prevention and Treatment. Harvesting and Handling.

**Integrated Farming Systems:** Concept and Scope for Integrated Aquaculture System in the Inland water Bodies. Integration of Fish Farming with Live Stock Animals, Agri and Horticultural Crops. Constraints in the Integrated Fish Farming System.

**Special Systems of Aquaculture:** i) Sewage Fed Fish Culture - Species suitable for Sewage Fed Fish Culture. Culture Practices, Treatment of Sewage Water used in Fish Culture. ii) Cage Culture - Species Selection, Construction of Cages, Culture Practice, Maintenance of Cages and Harvesting. iii) Fish Culture in Re-Circulatory Water Systems - Species suitable for Culture. Culture Practices. Mechanism of Water Recirculation. Water Quality and Health Management, Disease Prevention and Treatment, Harvesting and Handling.

**Ornamental Fisheries:** Status and Significance of Ornamental Fish Trade. Important species of Exotic and Indigenous Ornamental Fishes with their Taxonomic Position. Breeding and Rearing of Ornamental Fishes. Fabrication, Setting-up and Maintenance of Freshwater Aquarium. Importance of Accessories for Aquarium – Aquarium Plants, Lighting, Aeration, Filters and Decoratives. Feeding of Aquarium Fish –Live Fish Food Organisms and Artificial Feeds. Brood Stock Management. Common Diseases and their Control. Conditioning, Packing and Transportation of Aquarium Fish.

**Fish Breeding:** Natural Breeding – History, Current Status of Natural Seed Collection and Constraints. Selection of Riverine Spawn Collection sites, Methods of Spawn collection and Gears used. Breeding in Hatcheries - Criteria for Selection of Site for Hatchery and Nursery construction. Induced Breeding of Indian Major Carps, Exotic Carps, Murrels, Tilapia and Cat Fishes - Brood Stock Management, Spawning of Fish by Hypophysation technique using Pituitary Gland and by the use of Synthetic Compounds (Ovaprim and Ovatide). Incubation of Fertilized Eggs through Hapa system, Glass Jar Hatchery Technique and Chinese Hatchery Technique. Hatching Process, Larval Rearing Technology and Fish Seed Transportation.

**Prawn Breeding:** Breeding in Hatcheries - Criteria for Selection of Site for Hatchery and Nursery construction. Brood Stock Management of important cultivable Fresh Water Prawns - Scampi, Godavari River Prawn and Tiger Prawn. Culture of Live Fish Food Organisms, Algae, Spirulina, Diatoms, Rotifers and Artemia for Feeding the Juvenile Prawn. Induced maturation of Tiger Prawn through Eye Stock Ablation. Life Cycles of Scampi and Tiger Prawn. Treatment of Sea Water and Fresh Water used in the Fresh Water Hatchery. Better Management Practices (BMPs), Sanitary and Phytosanitary (SPS) measures and Bio-Security measures to be followed in the Prawn Hatchery.

**Soil and Water Quality Management:** Soil and Water Quality Monitoring – Collection and preparation of Soil and Water Samples for analyses of various Physio-Chemical characteristics. Soil and Water Quality Criteria/Requirements for Aquaculture, Soil and Water Quality Standards, Lime Requirement. Fertilizers and Manures - Different Types, Source, Rate and Frequency of Application, Bio-fertilizers. Measures to improve Quality of Water used in Fish Farms and Hatchery through Treatment, Filtration, Chlorination and Aeration. Measures to prevent Seepage of Pond Water through Pond Bottom soil. Measures to prevent Aquatic Weeds in Fish Ponds.

**Fish Nutrition and Feed Technology:** Nutritional Requirements of Cultivable Finfish and Shellfish. Feed Formulation and Feed Manufacturing. Forms of Feeds -Wet Feeds, Moist Feeds, Dry Feeds, Mashs, Floating and Sinking Pellet Feed. Feed Evaluation - Feed Conversion Ratio (FCR), Feed Efficiency Ratio (FER), Protein Efficiency Ratio

(PER), Net Protein Utilization (NPN) and Biological Value (BV). Fish Feed Plant - Design, Equipments used and Maintenance.

**Fish Diseases:** Basics of Fin Fish and Shellfish Health Management – Relationship between Host, Pathogen and Environment. Impact of Environmental Stress Fish and Shell Fish, Parasitic and Mycotic diseases - General characteristics, Epizootiology, Diagnosis, Life cycle, Prevention and Treatment. Infectious Bacterial and Viral diseases - General characteristics, Epizootiology, Diagnosis, Prevention and Treatment. Noninfectious Diseases - Nutritional diseases. Water, Soil, Environmental Parameters and their effects on Fish Health. Diseases in Hatcheries and Grow out systems. Disease Control and Management - Environment Management, Chemotherapeutic Agents, Host Management and Probiotics. Detection of Aqua Food Pathogens using Conventional and Molecular (Polymerase Chain Reaction-PCR) methods. Best Management Practices (BMP) in Aquaculture.

### **PAPER CODE No. 056-PAPER-III: FISH HARVEST AND POST HARVEST TECHNOLOGY:**

**Fish Harvest Technology:** History and Development of Fishing Gear and Craft. Factors that determine the Selection of Fishing Gear and Craft. Gears and Crafts used in relation to Fish and Fishing Area.

**Fishing Crafts:** Classification of Fishing Crafts based on the Fabrication, Dimension, Nature of Fishing, Depth of Operation. Crafts used for Inland waters. Materials used for Fabrication of Fishing Boats. Different Types of Crafts – Catamaran, Dugout Canoe, Coracle, Masula Boat, Wooden Nava, Theppas, etc. Basic concepts involved in the Construction of Wooden Boat, Steel Boat, Fibre Glass Boat, Aluminium and Ferro Cement Boats. Maintenance and Preservation of Fishing Boats.

**Fishing Gears:** Classification of Fishing Gears based on the method of Operation. Gears commonly used in Inland Waters. Selection of Netting Material for various Types of Fishing Gear. Net Webbing – Type of Meshes, Shaping of Webbing. General Principles and Fabrication Methods of various Fishing Gears used in Inland Water Bodies. Accessories for Fishing Gear – Hooks, Floats, Sinkers. Maintenance and Storage of Fishing Gears.

**Fishing Operation:** Operation of various Traditional Gears for Catching Fish in Inland Water Bodies –Hand Line, Pole and Line, Reel and Line, Trap Nets, Seines, Set Nets, Cast Net, Pots, Stake Nets, Bag Nets, Barriers, Gill Nets, Long Lines and Drag Nets.

**Principles of Fish Processing:** Aims of Fish Processing, Composition and Structure of Fish Muscle, Handling of Harvested Fresh Fish and Prawn, Mechanism of Fish Spoilage. Unit Processes involved in the Processing of Fish – dressing, gutting, scaling, filleting, sorting, grading, candling, depuration, peeling, battering, breading, etc.

**Fish Preservation Methods:** Principle involved in the Preservation of Fish and Prawn by Drying, Salting, Smoking, Marination, Fermentation, Irradiation, Chilling, Freezing, Freeze Drying, Irradiation and Canning Technology. High Temperature Short Time (HTST) Processing. Advantages and Disadvantages of different methods of Fish Preservation. Additives used in Aquatic Food Products during Processing and Preservation of Fish. Transportation of Fish and Fishery Products. Principles of Cold Chain concept.

**Value Added Fish Products:** Importance of Value Addition to Fish and Fish products. Preparation of Minced Meat (Surimi) based Products – Fish Sausages, Imitation products and Kamaboko. Preparation of Ready to Eat Fish Products such as Fish Cake, Fish Balls, Fish Cutlet, Fish Fingers, Fish Nuggets, Fish Wafers, Fish Pickles, Fish Chutney Powder, Fish Papads, Fish Sauce, Fish Protein Concentrate (FPC), Partially Hydrolyzed and Deodorized (PHD) Fish Meat and PHD Fish Flour.

**Fish By-Products:** Importance of Fish By-product Preparation. Principle involved in the Preparation of Fish Meal, Fish Body Oil, Fish Liver Oil, Fish Silage, Chitin and Chitosan, Sea Cucumber, Pearl Essence, Fish Glue, Fish Gelatin, Fish Collagen, Fish Leather, Icing Glass and Shark Fin Rays.

**Packaging Technology:** Objectives of Packaging Fish and Fishery Products. Functions of Packaging Materials, Packaging Material used for Storage of Fresh Fish and Processed Fishery Products. Principle involved in Active Packaging, Vacuum Packaging, Modified Atmosphere Packaging (MAP) and Controlled Atmosphere Packaging (CAP).

**Quality Assurance of Aqua Foods:** Introduction, Principles of Hazard Analysis Critical Control Point (HACCP). Facilities required for Approval of Aqua Food Processing Plant. Physical, Chemical and Biological Hazards in Aqua Food Processing. Aqua Food Pathogens -*Escherichia coli*, *Vibrio cholera*, *V. parahaemolyticus*, *Salmonella spp.*, *Staphylococcus aureus*, *Shigella spp.*, *Listeria monocytogens* and *Clostridium botulinum*. Control of Pathogens in Fish and Fishery Products. Good Management Practices (GMP) in Aqua Food Processing. Machineries used in Aqua Food Processing Plant and Maintenance.

**Fishery Economics:** Introduction to Fisheries Economics, Importance of Economics in Fisheries Management, Economics of Fish Production Systems – Capture and Culture. Role of Fisheries in Economic Development, Importance of World Trade Organization (WTO), Fish Exports, Socio-economic conditions of Fishermen in the State of Telangana. Role of Fisherwomen in Marketing and Processing of Fish.

**Fish Marketing:** Introduction to Fish Marketing. Types of Fish Markets. Structure and Functions of Fish Market. Marketing Strategies - Fish and Fish Products Pricing, Promotion, Marketing Channels, Marketing Margins, Market Research, Market Development. Inland Fish Marketing in India and in the State of Telangana. Demand and Supply of Fish and Fishery Products, Export Marketing of Fish and Fishery Products. Cooperative Marketing and its Scope. Role of Cold Storages in Fish Marketing.

#### **PAPER CODE No. 085-PAPER-IV: FISHERIES MANAGEMENT AND ADMINISTRATION:**

**Concept of Management and Administration:** Functions of Management – Manpower Development, Different Categories of Manpower required for Fisheries Sector, Manpower Planning and Recruitment, Training of Manpower, Performance Appraisal, Communication Skills, Leadership, Motivation and Team Work.

**Entrepreneurship Development:** Importance of Entrepreneur Development, Types of Entrepreneurs, Qualities and Qualifications of Good Entrepreneur.

**Project Formulation, Monitoring and Implementation:** Project Identification, Project Design, Analysis of Expected Results, Project Implementation, Preparation of Project Report Case Study, Project Evaluation and Review Techniques (PERT).

**Fisheries Management and Conservation:** Conservation of Genetic Diversity – Intraspecific Variability, Inter-specific Genetic Variability. Conservation of Ecological Diversity – Diversity of Habitats.

**International Union for Conservation of Nature (IUCN) Red List Categories:** List of Extinct, Extinct in the Wild, Critically Endangered, Endangered, Vulnerable, Conservation Dependent, Low Risk, Data Deficient and Not Evaluated Fish Species and Threatened Freshwater Fishes.

**Measures for Fish Conservation:** Conservation of Fishery Resource in Natural Ecosystem (In-Situ), Cryopreservation of Gametes and Gene Banking of desired Fish Species (Ex-situ). Fish Passes for Migratory Fishes, Aqua Parks and Sanctuaries, Mangrove Afforestation, Artificial Reefs.

**Fishing Regulations:** Mesh Size regulation, Gear Size regulation, Gear Materials regulation, Gear Accessories regulation, Craft Fabrication Material regulation, Closed Fishing Seasons, Catch Quota regulation, Fish Size regulation.

**Inland Fisheries Regulation and Development:** Regulations for Conservation and Management of Fishery Resources in Rivers, Lakes and Reservoirs – Indian Fisheries Act, Inland Fisheries Act, Fish Seed Act, Inland Fisheries Governance, Inland Property Regime, Leasing Policies for Water bodies in the State of Telangana. Different kinds of Inland Water Bodies and their Controlling systems. Functions and Powers of Gram Panchayat, Municipalities, Forest and Endowments on Inland water bodies.

**Fisheries Administration:** Organizational set up of Fisheries Administration at the Centre and State level responsible for Fisheries Development. Functions and Powers of Functionaries of Department of Fisheries, Fisheries Corporations and Fishermen Cooperatives. Central and State Level Fisheries Institutions (Teaching, Research and Extension). Role of Central and State Government in the Regulatory Activities of Aquaculture and Fisheries. Role of National Fisheries Development Board (NFDB), Marine Products Export Development Authority (MPEDA) and Coastal Aquaculture Authority (CAA) in the Development of Fisheries.

**Fisheries Co-operatives:** Structure, Functions and Status of Fisheries Cooperatives in India and the State of Telangana. Evaluation of the performance of Fisheries Cooperatives, Problems in Fisheries Co-operatives and Remedial Measures. Development of Fisheries Cooperative in Telangana - Managerial aspects of Cooperative Societies; Cooperative Marketing in Fisheries, State Fisheries Cooperative Federation and Self Help Groups in Fisheries.

**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**LABOUR, FACTORIES & BOILERS DEPARTMENT TEST**

**PAPER CODE No.s. (022, 040, 057, 075) (WITH BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>022</b>	<b><u>PART-A</u>; DISTRICT OFFICE MANUAL AND MANUAL FOR CONCILIATION OFFICERS (WITH BOOKS)</b>	2 Hours	100	<b>40</b>
<b>040</b>	<b><u>PART-B</u>: ACTS &amp; RULES RELATING TO FACTORIES ADMINISTRATION (WITH BOOKS)</b>	2 Hours	100	<b>40</b>
<b>057</b>	<b><u>PART-C</u>: ACTS &amp; RULES RELATING TO LABOUR ADMINISTRATION (WITH BOOKS)</b>	2 Hours	100	<b>40</b>
<b>075</b>	<b><u>PART-D</u>: ACTS, RULES &amp; REGULATIONS UNDER THE INDIAN BOILERS ACT (WITH BOOKS)</b>	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O .Rt.No.250 LET & F (Lab) Department, Dated: 31/03/2017 & G.O Rt.No.737 LET & F (Lab) Department, Dated:13/09/2017

**P.C. No. 022 - PART-A: District Office Manual & Manual for conciliation Officers:**

1. District Office Manual
2. Manual for conciliation officers under Industrial Disputes Act, 1947
3. Questions on computer awareness to be included
4. Updation of District Office Manual in tune with G.Os and Telangana State Service Rules

**P.C. No. 040 - PART-B:-Acts relating to Factories Administration:**

**SECTION – I**

1. Payment of Wages Act, 1936 with Telangana State Rules
2. Maternity Benefit Act, 1961 with Telangana State Rules
3. Child Labour (P&R) Act, 1986 / State Rules

**P.C. No. 057 - PART-C Acts & Rules Relating to Labour Administration:**

1. Motor Transport Workers Act, 1961 & State Rules
2. Minimum Wages Act, 1948 / State Rules
3. Shops & Establishment Act, 1988 / Rules
4. Beedi & Cigar Workers (Conditions of Employment) Act, 1966 / Rules
5. Industrial Dispute Act, 1947 / Rules
6. Industrial Employment (Standing Orders) Act, 1946 / Rules
7. Trade Union Act, 1926 / Rules
8. Payment of Bonus Act, 1965
9. Working Journalist and Other News Paper Employees (Conditions of Service and Misc. Provisions) Act, 1955 / Rules
10. Payment of Gratuity Act, 1972
11. Inter-State Migrant Workers (Regulation of Employment and Conditions of Service) Act, 1979 / Rules
12. Building & Other Construction Workers (RE&CS) Act, 1996 / Cess Act, 1996 / Rules
13. Labour Welfare Fund Act, 1987 / Rules
14. Welfare Schemes of Telangana Building & Other Construction Workers Welfare Board, & Telangana Labour Welfare Board

**P.C. No. 075 - PART-D: Rules and Regulations under the Indian Boilers Act:**

1. The Boilers Act, 1923
2. The Indian Boilers Regulation, 1950
3. The Telangana Boiler Rules, 1967
4. The Boiler Operation Engineers Rules, 2011 framed under the Boilers Act, 1923
5. The Boiler Attendants Rules, 2011 framed under the Boilers Act, 1923

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**DEPARTMENTAL EXAMINATION FOR EMPLOYEES OF SERICULTURE**  
**DEPT.PART – I**

**PAPER CODE NO.s (032, 065, 090, 115) (WITH OUT BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>032</b>	PAPER –I: GENERAL SERICULTURE & SILWORM REARING. (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>065</b>	PAPER-II: MULBERRY CULTIVATION & MANAGEMENT (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>090</b>	PAPER-III: SEED TECHNOLOGY & SILKWORM PATHOLOGY (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>115</b>	PAPER-IV: SILK REELING, SPINNING & TESTING (WITHOUT BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O. Rt. No. 09, Agrl & coop (HORT. & SERI.) Dept., Dated :6-01-2017

**JUNIOR OFFICERS**

**(PART – I)**

PAPER-I: GENERAL SERICULTURE & SILKWORM REARING

PAPER-II: MULBERRY CULTIVATION & MANAGEMENT

PAPER-III: SEED TECHNOLOGY AND SILKWORM PATHOLOGY

PAPER-IV: SILK REELING, SPINNING & TESTING.

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**DEPARTMENTAL EXAMINATION FOR EMPLOYEES OF SERICULTURE**

**DEPT.PART – II**

**PAPER CODE NOS (047, 080, 101, 130, 143) (WITH OUT BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>047</b>	PAPER –I: MULBERRY, BIOLOGY, AGRONOMY & CULTIVATION (WITH OUT BOOKS)	2 Hours	100	<b>40</b>
<b>080</b>	PAPER-II: SILKWORM BIOLOGY, GENETICS & BREEDINGS (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>101</b>	PAPER-III: SILKWORM REARING TECHNOLOGY, SEED TECHNOLOGY & PATHOLOGY (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>130</b>	PAPER-IV: NON – MULBERRY SILK. (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>143</b>	PAPER-V: SERICULTURE ORGANISATION, EXTENSION & MANAGEMENT (WITHOUT BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O. Rt. No. 09, Agrl & coop (HORT. & SERI.) Dept., Dated :6-01-2017

**SENIOR OFFICERS**

**(PART – II)**

PAPER – I: MULBERRY, BIOLOGY, AGRONOMY & CULTIVATION

PAPER –II: SILKWORM BIOLOGY, GENETICS & BREEDINGS

PAPER-III: SILKWORM REARING TECHNOLOGY, SEED TECHNOLOGY & PATHOLOGY

**PAPER-IV: NON – MULBERRY SILK:**

1. Tasar Sector
  - 1.1 Tasar host plant management
  - 1.2 Tasar Grainage techniques and seed production
  - 1.3 Tasar silkworm rearing technology
  - 1.4 Tasar disease management
  - 1.5 Post cocoon technology
2. Eri & Muga Sectors
  - 2.1 Silkworm rearing
  - 2.2 Study of host plants.

PAPER-V: SERICULTURE ORGANISATION, EXTENSION & MANAGEMENT

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**PRISONS DEPARTMENTAL TEST**

**PAPER CODE NOs. (033, 048, 066, 082) (WITH BOOKS)**

<b>PAPER CODE NO.s</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>033</b>	PAPER – 1(WITH BOOKS)	2 Hours	100	<b>40</b>
<b>048</b>	PAPER – 2 (WITH BOOKS)	2 Hours	100	<b>40</b>
<b>066</b>	PAPER – 3 (WITH BOOKS)	2 Hours	100	<b>40</b>
<b>082</b>	PAPER – 4 (WITH BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O.MS.No.35 Home (Legal) Dept., Dt.19/04/2018

**PC.NO. 033 - PAPER –1**

1. Prison Manual (Andhra Pradesh prisons Rules, 1979)
2. The Indian Prisons Act, 1894
3. The Prisoner's Act 1900
4. The Transfer of Prisoner' Act 1950.

**PC.NO. 048 - PAPER –2**

1. Indian Penal Code, 1860.  
Chapter II. General Explanation (Definitions)  
Chapter III. Punishments  
Chapter IV. General Exceptions  
Chapter IX. Offences by or relating to public servants  
Chapter XVI. Offences affecting the Human body  
Chapter XVII. Offences against property  
Chapter XX. (498-A only) Cruelty by husband or relatives of husband  
Section 128. Allowing prisoner to escape  
Section 129. Negligently suffering such prisoner to escape  
Section 130. Aiding escape of, rescuing or harbouring such prisoner  
Section 217 and 225. Offences against public justice.

**PC.NO. 066 - PAPER- 3**

1. Criminal Procedure Code, 1973..  
Chapter I. General Explanation (definitions)  
Chapter II. Constitution of Criminal Courts & Offices  
Chapter III. Power of Courts

Chapter VIII. Security for keeping the peace & for good behaviour

Chapter IX. Order for Maintenance of Wives, Children & parents

Chapter XXII. Attendance of persons confined or detained in prisons

Chapter XXV. Provisions as to accused person of un-sound mind

Chapter XXVII. The Judgment

Chapter XXIX. Appeals

Chapter XXXII. Execution, Suspension, Remission & Commutation of Sentences

Chapter XXXIII. Provision as on Bail & Bonds.

2. Prisoners (Attendance in Courts) Act, 1955 and Rules there under
3. Juvenile Justice (Care and Protection of Children) Act, 2015

**PC.NO. 082 - PAPER- 4**

1. The Andhra Pradesh Borstal School Act, 1925 and Rules there under
2. The Probation of Offenders Act, 1958
3. The Protection of Human Rights Act, 1973
4. The Prevention Detention Act, 1969 and Rules there under.
5. A.P. Prevention of dangerous activities of Boot leggers, Dacoits, Drug Offenders, Goondas, Immoral traffic offenders and Land grabbing Act 1986 and Rules there under.

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**DEPARTMENTAL TEST FOR TECHNICAL PERSONNEL OF TELANGANA STATE**  
**ELECTRICAL INSPECTORATE DEPARTMENT**

**PAPER CODE No. (152) (WITH BOOKS)**

PAPER CODE No.	SUBJECT	DURATION	MAXIMUM MARKS	MARKS FOR PASSING
<b>152</b>	<i>DEPARTMENTAL TEST FOR TECHNICAL PERSONNEL OF TELANGANA STATE ELECTRICAL INSPECTORATE DEPARTMENT</i>  (WITH BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O.Ms. No.28, Energy (HR.A1) Dept., Dated:20-09-2016 & G.O.Ms. No.30, Energy (HR.A1) Dept., Dated:11-11-2016

**PC.NO. 152: DEPARTMENTAL TEST FOR TECHNICAL PERSONNEL (WITH BOOKS)**

(FOR THE POST OF ASSISTANT ELECTRICAL INSPECTORS)

- i) The provisions of Electricity Act, 2003 Part-I, III, IV, VI (Sec.No.53, 54, 56) part-VIII Sec.No.68, Part. IX Sec.No.70 to 73 Part XIV sec.No.142 146,151 part XVI sec.No.158, Part XVII Sec.No.160 to 162, Part-XVIII Sec.No.169,170,176 to 185.
- ii) The Central Electricity Authority (Installation and operation of meters) Regulation, 2006
- iii) The Central Electricity Authority (Technical Standards for Construction of Electric plants and Lines) Regulations, 2010 Chapter I to V and Schedule I to VI
- iv) The Central Electricity Authority (Measures relating to Safety and Electric supply) Regulations, 2010 Chapter I to IX and Chapter X (schedule I to X)
- v) The Andhra Pradesh Electricity Duty Act & Rules 1939 (Telangana Adaptation)
- vi) Andhra Pradesh Cinemas (Regulations) Rules, 1970 (Telangana Adaptation) Chapter – I Rule No.1,2,4 to 7A, Chapter – II Rule 8A, 8B, 9A, 9B and 10 Chapter-III Rules 11A, 11B, 12A, 12B, 13. Chapter – V Rules 17, Chapter VI Rule 18, Appendix No.I.18, II, III, IV, VI, VII, VIII and IX. Forms A1,,A-II,B,D,- V,F,K and The A.P cinemas (Regulations) Rules, 1970 (Telangana Adaptation) amendment dt:27.09.2013
- vii) Andhra Pradesh Electrical Licensing Regulation, 1987 (Telangana Adaptation)
- viii) National Electrical Code, 2011
- ix) Functions of Electrical Inspectorate
- x) i) Powers and Functions of Chief Electrical Inspector to Government  
ii) Powers and Functions of Electrical Inspectors and Deputy Electrical Inspectors.

- xi) i) Levy of fee for Inspection of Maps, Plans, Sections and Testing and Inspection for Services of Electrical Inspectors rules, 2012.  
ii) Andhra Pradesh Electrical Inspectorate (Measures relating to Safety and Electric Supply) order, 2011.
- xii) Prescribing the intimation of accidents (From and time of Service of notice) Rules, 2012.
- xiii) The Electrical Wires, cables, appliances and protection devices and accessories (Quality Control) order, 2003.

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**

*SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST*

**DEPARTMENTAL TEST FOR NON- TECHNICAL PERSONNEL OF TELANGANA  
STATE ELECTRICAL INSPECTORATE DEPARTMENT**

**PAPER CODE No. (153) (WITH BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>153</b>	DEPARTMENTAL TEST FOR NON TECHNICAL PERSONNEL OF TELANGANA STATE ELECTRICAL INSPECTORATE DEPARTMENT (WITH BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O.Ms. No.28, Energy (HR.A1) Dept., Dated:20-09-2016 & G.O.Ms. No.30, Energy (HR.A1) Dept., Dated:11-11-2016

**PC.NO. 153: DEPARTMENTAL TEST FOR NON TECHNICAL PERSONNEL (WITH BOOKS)**

For the post of:

- 1) ASSISTANT ACCOUNTS OFFICER (By Direct Recruitment)
- 2) SUPERINTENDENT AND SENIOR ASSISTENT.

1. Provisions of The Electricity Act, 2003 Part-I, Part IV Section No. 12 to 24 Part – VI section No., 53, 54, 56, Part-XIV section. No. 142 & 146. Part XVI section. No. 158, Part-XVII section No. 161 and 162. Part- XVIII section No. 176 to 185
2. The Central Electricity Authority (Measures relating to safety and electric supply) Regulation, 2010 Chapter – I, Chapter-II Regulation. No.3, 4, 5. Chapter-III Regulations 30, 32. Chapter-IV Regulations 36. Chapter VI Regulation 43,52,53,54.
3. The Andhra Pradesh Electricity Duty Act & Rules, 1939 (Telangana Adaptation order).
4. Andhra Pradesh Cinemas (Regulations) Rules, 1970 (Telangana Adaptation) Chapter-I, Rule No.1 & 2 Chapter -III Rule. No.11 to 13, Chapter –V Rule, No. 17. Appendix – VI, VIII & IX, Forms B, D, D-V, the A.P Cinemas (Regulations) Rules, 1970 amendment, Dated:27.09.2013.
5. Andhra Pradesh Electrical Licensing Regulations, 1987 (Telangana Adaptation) (Chapter-I)
6. Functions of Electrical Inspectorate
7. i) Powers and Functions of Chief Electrical Inspector to Government.  
ii) Powers and Functions of Electrical Inspectors and Deputy Electrical Inspectors.
8. i) Levy of Fee for Inspection of Maps, Plans, Sections and Testing and Inspection for Services of Electrical Inspectors rules, 2012.  
ii) Andhra Pradesh Electrical Inspectorate (Measures relating to Safety and Electric Supply) order, 2011.

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**ANIMAL HUSBANDRY DEPARTMENT TEST**

**PAPER CODE No. (051) (WITH BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>051</b>	ANIMAL HUSBANDRY DEPARTMENT TEST (WITH BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O. MS. No. 15, Animal Husbandry, Dairy Development & Fisheries (AH) Dept., Dt: 19-06-2017

**PC.NO. 051: ANIMAL HUSBANDRY DEPARTMENT TEST**

**TELANGANA STATE VETERINARY & ANIMAL HUSBANDRY DEPARTMENT  
DEPARTMENT MANUAL**

- CHAPTER – I : Origen of the Department  
CHAPTER – II : Evolution and setup of the Department  
CHAPTER – III : Role of the Department and Programmes  
CHAPTER – IV : Organizational structure of the Department  
CHAPTER – V : Major Enactments

**TELANGANA STATE VETERINARY & ANIMAL HUSBANDRY DEPARTMENT  
FUNCTIONARY MANUAL**

- CHAPTER – I : Origin of the Department  
CHAPTER –II : Functions of the Director of Animal Husbandry  
CHAPTER –III: Functions of the Additional Director (AH) in Directorate  
CHAPTER –IV: Functions of the Joint Directors (AH)  
CHAPTER –V : functions of the Deputy Directors (AH)  
CHAPTER – VI: Functions of the Assistant Directors (AH)  
CHAPTER – VII: Functions of Veterinary Assistant Surgeons  
CHAPTER – VIII: Functions of Para Veterinary Staff  
CHAPTER – IX: Functions of Accounts Section Staff  
CHAPTER – X: Functions of Animal Husbandry Services and Ministerial Services Staff  
CHAPTER – XI: Functions of Animal Husbandry Subordinate Services & General Subordinate services staff

## CHAPTER – XII: Functions of last grade services staff

**TELANGANA STATE VETERINARY & ANIMAL HUSBANDRY DEPARTMENT****ANNEXURE TO FUNCTIONARY MANUAL**

(PERIODICALS, REPORTS &amp; TECHNICAL REGISTERS)

- List of Periodicals (Table No.s 1 to 70)
- Registers to be maintained at various Institutions of Animal Husbandry Department
  - A. Registers to be maintained at veterinary Institutions (Whenever applicable)
  - B. Registers to be maintained at Semen Banks & Semen depots
  - C. Registers to be maintained at Govt. livestock farms
  - D. Registers to be maintain at TSVBRI including ADDLs

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**

*SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST*

**DEPARTMENTAL TEST FOR ACCOUNTS OFFICERS/ASSISTANT ACCOUNTS  
OFFICERS IN TS POWER UTILITIES (TS GENCO, TS TRANSCO & TS DISCOMS)**  
**PAPER CODE NO.s. (041 & 059) (WITHOUT BOOKS)**

<b>PAPER CODE NO(s)</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>041</b>	PAPER – I (WITHOUT BOOKS)	2 Hours	100	<b>40</b>
<b>059</b>	PAPER – II (WITH OUT BOOKS)	2 Hours	100	<b>40</b>
<b>N.B : CANDIDATES SHOULD PASS BOTH THE PAPERS AT A TIME</b>				

**SYLLABUS**

# As per G.O.Rt.No.64, ENERGY (HR.A1) Department, Dt: 23-10-2020

**P.C.No.041: FIRST PAPER**

1. Commercial Accounts, Different accounting systems including Commercial Accounts Manual Part-II
2. Accounting Procedure in reorganized set up in respect of Cost Accounting, Pay Rolls, Transport, Stores, Accounts Payable, Cash Accounting, BRS, Revenue billing and collection, Suspense Accounts, Ledgers, Plant Records, Depreciation and Annual Financial statements in power utilities.
3. ERP Applications and its advantages
4. Audit (Internal & External), Importance of Audit, Reports of Committee on Public Undertakings.
5. Statutory checks, Revenue and expenditure including Stores Accounts
6. Accounting Standards & Costing Procedures and Practices applicable to Power Sector.
7. Departmental Manuals and Regulations viz
  - a) APED Manuals Vol - I & II
  - b) APSEB Service Regulations Part I, II & III
  - c) Manual of Special Pay and Allowances ( as applicable to power sector employees).
  - d) Andhra Pradesh Financial Code, Vol.I
  - e) Andhra Pradesh Treasury Code, Vol. I & II
  - f) Andhra Pradesh Revised Pension Rules 1980.
  - g) APSEB GPF Regulations, PF Trusts and its procedures.

- h) APSEB Leave Regulations
- i) APSEB LTC Regulations
- j) APSEB Conduct Regulations
- k) APSEB Discipline and Appeal Regulations.
- l) Apprentices Act, 1961
- m) APSEB Medical Reimbursement Regulations.
- n) Powers of officers in TS Power utilities (B.P.Ms.No.58 of 1964 and subsequent amendments)
- o) Manufacturing accounts, maintenance of Cash Book, Revenue realization and write off.
- p) Other Misc., Rules and Orders of Govt. applicable to TS Power Utilities.

### **P.C.No.059: SECOND PAPER**

- I. Different Organization set up, Leadership styles, Man Power Planning & Auditing, Wage and Salary, Administration Incentives and rewards, appraisals, Different systems of promotions and transfers, Training & Development, handling Labour problems, Labour Welfare Acts, viz
  - 1) Child Labour (Prohibition and Regulation) Act, 1986
  - 2) Contract Labour (Regulation and Abolition) Act, 1970
  - 3) Employees 'Compensation Act, 1923 (formerly known as Workmen Compensation Act).
  - 4) Employees 'Provident Funds and Miscellaneous Provisions Act,1952
  - 5) Employees 'State Insurance Act, 1948
  - 6) Factories Act,1948
  - 7) Industrial Disputes Act,1947
  - 8) Maternity Benefit Act, 1961
  - 9) Minimum Wages Act, 1948
  - 10)Trade Union Act, 1926, Strikes and Negotiations Collective Bargaining Delegation of powers, financial advice etc,
- II. Budgets, Functional and Cost of Production, Sales and Liabilities, Revised estimates, Budget Re-appropriation, ways and means scrutiny, Administrative Report.
- III. Rates and Statistics, Presenting the financial working of utilities, statistics of cost of construction, O & M charges Graphical methods, cost and relationship to rates.
- IV. a) A Knowledge of power utilities in India and their ownership and management, elements f economics and statistics required to understand the above.
  - b)Electricity Act,2003.

- V. Business Procedures, Insurance schemes for Money, Material and Men, Securities to be observed for handling cash and stores, Income Tax Act, Land Acquisition Act, Constitution of India, Forms of contract for expenditure and revenue , drafting of commercial correspondence and making out reports.
  - VI. Material Management , Value Analysis, Vendor Rating, A.B.C. Analysis, Inventory Control, Spare Parts Indents, Quality Control, Material Handling Techniques, Delegation of Powers and Financial Advice in Purchase
  - VII. Tariff Regulations (Generation, Transmission and Distribution) of Telangana State Electricity Regulatory Commission and Central Electricity Regulatory Commission (TSERC and CERC)

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**TELANGANA STATE PUBLIC SERVICE COMMISSION # HYDERABAD**  
**SCHEME AND SYLLABUS FOR DEPARTMENTAL TEST**

**DEPARTMENTAL TEST FOR JUNIOR ACCOUNTS OFFICER IN TS POWER UTILITIES (TS GENCO, TS TRANSCO & TS DISCOMS)**

**PAPER CODE No. (140) (WITH BOOKS)**

<b>PAPER CODE No.</b>	<b>SUBJECT</b>	<b>DURATION</b>	<b>MAXIMUM MARKS</b>	<b>MARKS FOR PASSING</b>
<b>140</b>	ONE PAPER (WITH BOOKS)	2 Hours	100	<b>40</b>

**SYLLABUS**

# As per G.O.Rt.No.64, ENERGY (HR.A1) Department, Dt: 23-10-2020

**PC.NO. 140: DEPARTMENTAL TEST FOR ACCOUNTANTS IN THE ELECTRICITY DEPARTMENT**

1. The A.P. Electricity Department Manual, Volume-I
2. The A.P. Electricity Department, Manual, Volume-II.
3. APSEB Service Regulations Part-I, II and III
4. Tariff Regulations ( Generation, Transmission and Distribution) of Telangana State Electricity Regulatory Commission
5. Electricity Act 2003
6. Indian Accounting Standards
7. SAP ERP Application – Functional modules
8. Companies Act 2013
9. Employees Provident Fund and Miscellaneous Provisions Act, 1952 with amendments from time to time
10. Goods and Service Tax Act 2017
11. The A.P Revised Pension Rules 1980

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Place: Hyderabad  
Date : 15/04/2021

Sd/-  
**PRINCIPAL SECRETARY**

**ANNEXURE - III**  
**TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD.**  
**LIST OF DEPARTMENTAL TESTS WITH PAPER CODES**

SI. No.	NAME OF THE PAPER (TEST)	PAPER CODE Nos.
1.	Subordinate Accounts Service Examination	1, 9, 23, 34, <b>53</b> .
2.	Deputy Inspector's Test.	2, 12, 20.
3.	Excise Department Test.	3, 13, <b>21, 35, 54, 71</b> .
4.	D.T. for Clerks in Police Department.	4.
5.	Second Class Language Test.	<b>5</b> .
6.	Gujarathi Language Test.	<b>6. (200 MARKS)</b>
7.	Marwari Language Test.	<b>7. (200 MARKS)</b>
8.	Accounts Test for Subordinate Officers Part-I.	8.
9.	Accounts Test for Subordinate Officers Part-II.	10.
10.	Accounts Test for Public Works Work-shop Officers.	<u>14, 29.</u>
11.	Fisheries Department Test-II.	<b>15,24, 56, 85.</b>
12.	Fire Service Department Test.	<b>16, 25, 39.</b>
13.	D.T. for Officers of the Forest Department.	<b>17, 26, 42, 61, 76, 86.</b>
14.	The Revenue Test.	@ 18, 27, 43, 62.
15.	The Translation Test.	@ <b>19, 28. (LANG. REQ.)</b>
16.	Labour, Factories and Boilers Departmental Test.	<b>22, 40, 57, 75.</b>
17.	Divisional Test.	<b>30, 63, 81, 113, 138.</b>
18.	Treasuries & Accounts Service Examination.	PART – I PART – II 31,64,89,114.
19.	D.T. for Employees of Sericulture Department.	PART – I PART – II <b>32,65,90,115.</b> <b>47, 80,101,130,143.</b>
20.	Prisons Departmental Test.	33, 48, 66, 82
21.	Special Language Test (Lower Standard).	@ <b>36, 49, 67. (LANG. REQ.)</b>
22.	Special Language Test (Higher Standard).	@ <b>37. (LANG. REQ.)</b>
23.	D.T. for Accounts Officers/Assistant Accounts Officers in TS Power Utilities (TS GENCO, TS TRANSCO & TS DISCOMS)	<b>41, 59.</b>
24.	D.T. for T.S. Works Accounts Service.	<u>44, 78, 99, 128.</u>
25.	The Civil Judicial Test. PART – I	@ 45.
	The Civil Judicial Test. PART – II	@ <b>145, 147</b>
26.	D.T. for Officers of the T.S.Agricultural Service.	50.
27.	Animal Husbandry Department Test.	51.
28.	Registration Department Test.	52, 70, 83, 94.
29.	Special Language Test (Advanced Standard).	<b>58, 74. (LANG. REQ.)</b>
30.	D.T. for Employees of T.S.G.L.I.	60, 68.
31.	Revenue Draughtsman's Test.	<b>69, 87.</b>
32.	Indian Evidence Act Test.	@ 77
33.	Local Fund Audit Department Test.	84, 93, 105, <b>123.</b>
34.	D.T. for Gazetted Officers of Education Department.	<u>88, 97.</u>
35.	D.T. for Officers of T.S.Commercial Taxes Subordinate Service.	92, 102.
36.	Fisheries Department Test – I	95
37.	D.T. for Staff of National Employment Service.	<b>96, 104.</b>
38.	Criminal Judicial Test.	@ <b>98, 108, 127, 136.</b>
39.	Endowments Department Test.	<b>103, 126.</b>
40.	Transport Department Test.	106, 124.
41.	D.T. for Ministerial Staff of Forest Department.	<u>107, 125,</u> 139.
42.	Survey & Settlement Surveyor's Test (Higher Grade)	<b>110, 119.</b> (T, E&U)
43.	Survey & Settlement Surveyor's Test (Lower Grade)	<b>112, 121.</b> (T, E&U)
44.	Survey & Settlement Inspector's Test.	<b>117, 134.</b>
45.	Computation Test.	<b>122, 135.</b>
46.	D.T. for Government Press Officers.	131.
47.	D.T. for Stationary, Printing & Stores Purchase Dept.	132.
48.	Accounts Test for P.W.D. Officers & Subordinates.	@ <u>137, 142.</u>
49.	Departmental Test for Junior Accounts Officer in TS Power Utilities (TS GENCO, TS TRANSCO & TS DISCOMS)	140.
50.	Accounts Test for Executive Officers.	@ 141.
51.	The Agricultural Department Test.	@ 144.
52.	Accounts Test for Employees of Local Bodies.	@ 146, 148.
53.	D.T. for Gazetted & Non-Gazetted Staff of T.S.P.S.C.	149.
54.	D.T. for Mines and Geology	<b>150.</b>
55.	Marketing Department Test.	151.
56.	D.T. for Technical Staff of T.S.Electrical Inspectorate service	152.
57.	D.T. for Non-Technical Staff of T.S. Electrical Inspectorate Service.	153.
58.	Third Class Language Test (Viva-Voce only).	@ 155.
59.	Juvenile Welfare Correctional Services and Welfare of Street Children Departmental Test	156, 157, 158, 159.

@ - OPEN TO ALL TESTS;  
Place: Hyderabad  
Date : 15/04/2021

**WITHOUT BOOKS TESTS ITALISIZED**  
Sd/-  
**PRINCIPAL SECRETARY**