NOTIFICATION NO 36/2016, Dt. 30/12/2016

GROUP-I SERVICES
GENERAL

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.

<table>
<thead>
<tr>
<th>Post Code</th>
<th>EDUCATIONAL QUALIFICATIONS</th>
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<tbody>
<tr>
<td>01 to 08</td>
<td>A Bachelor’s Degree from any recognized University in India established or incorporated by or under Central Act, Provincial Act, a State Act or an Institution recognized by the U.G.C. or an equivalent qualification. For Post Code No. 08: Preference shall be given to those who possess in addition to any of the following qualifications “A Post Graduate Degree in Law (or) P.G. Degree in Social Work with specialization in Labour Welfare and Personnel Management/ Industrial Labour Relations from a recognized University or Institution”.</td>
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SCHEME AND SYLLABUS FOR GROUP- I SERVICES

SCHEME OF EXAMINATION FOR RECRUITMENT TO GROUP- I SERVICES

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>MARKS</th>
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<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
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<tr>
<td><strong>Screening Test(Objective Type)</strong></td>
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<tr>
<td>General Studies &amp; Mental Ability. (150 Questions, 150 Minutes)</td>
<td>150</td>
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<td><strong>NEGATIVE MARKS:</strong></td>
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<td>As per G.O.Ms.No.235, Finance (HR-I, Plg &amp; Policy) Dept., Dt:06/12/2016, for each wrong answer will be penalized with 1/3rd of the marks prescribed for the question.</td>
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<td><strong>Main Examination (Conventional Type)</strong></td>
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<tr>
<td><strong>Paper</strong></td>
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<tr>
<td>General English (10th Standard-Qualifying for Interviews)</td>
<td>150</td>
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<tr>
<td><strong>Paper-I. General Essay</strong></td>
<td>150</td>
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<tr>
<td><strong>Paper-II.</strong></td>
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<tr>
<td>i. History and Cultural Heritage of India with Emphasis on 20th Century History of India.</td>
<td>150</td>
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<tr>
<td>ii. Social History of Andhra Pradesh i.e., the history of various social and cultural movements in Andhra Pradesh</td>
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<tr>
<td>iii. General overview of the Indian Constitution</td>
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<td><strong>Paper-III:</strong></td>
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<tr>
<td>i) Planning in India &amp; Indian Economy</td>
<td>150</td>
</tr>
<tr>
<td>ii) Land Reforms and social changes in Andhra Pradesh after Independence</td>
<td></td>
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<tr>
<td>iii) Andhra Pradesh Economy present status, its strengths and weaknesses</td>
<td></td>
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<td><strong>Paper-IV:</strong></td>
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<tr>
<td>i) The role and Impact of Science &amp; Technology in the development of India with emphasis on the applied aspects</td>
<td>150</td>
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<tr>
<td>ii) General awareness with the modern trends in life sciences.</td>
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<tr>
<td>iii) Development and environmental problems</td>
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**SCREENING TEST SYLLABUS FOR GROUP-I SERVICES**

**GENERAL STUDIES AND MENTAL ABILITY (OBJECTIVE TYPE)**

1. Events of National and International importance.
3. General Science and its applications to the day to day life and Contemporary developments in Science & Technology and Information Technology.
5. History of India Ancient, Medieval, Modern – socio-cultural, Economic and political affairs with special emphasis on Indian National Movement.
6. Indian Polity and Governance; Constitutional issues, public policy formulation and implementation, Governance Reforms and e-governance initiatives.
7. Economic development in India since Independence - role of planning; Planning Commission, Niti Ayog, India's economic problems such as poverty and unemployment, agrarian crisis, irrigation and water, sustainable development, inflation and balance of payments, growth with stability, growth with Social justice.
8. Centre State relations, Finance Commissions, Sharing of Resources between Centre and States – Decentralization.
9. India’s Economic reforms – Banking, Financial, trade and social sector; New challenges in a Globalized context – Global competition, Financial market instabilities, FDI flows, GST etc.,
11. Disaster Management; Vulnerability profile, prevention and mitigation strategies Application of remote sensing and GIS in the assessment of Disaster.
12. Logical reasoning, analytical ability and data interpretation.
13. Data Analysis:
   a) Tabulation of data
   b) Visual representation of data
   c) Basic data analysis, Summary Statistics such as mean and variance coefficient of variation etc., and Interpretation
14. 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.

**SYLLABUS FOR GROUP-I MAIN EXAMINATIONS (DESCRIPTIVE TYPE)**

**GENERAL ENGLISH**

(X Class Standard, Qualifying Nature – Marks would not be counted for selection to Interview)
SECTION –I

Reading Comprehension
- Reading Comprehension Passage- (followed by Questions)
- Descriptive Passage
- Literary Passage

SECTION-II

Functional Grammar:
- Recognition of Parts of Speech
- Verb forms – Usage of Tenses
- Conditional Sentences
- Identifying and Interchange of Sentences (Simple, Complex, and Compound) (Active and Passive voice)
- Use of Prepositions and Prepositional Phrases
- Articles
- Correction of Sentences

SECTION-III

Vocabulary Usage
- Use the given Idioms and Phrases in your own Sentences
- One Word Substitutes – Recognition and Usage
- Synonyms – Recognition and Usage
- Antonyms – Recognition and Usage
- Words often confused
- Expansion of Proverb /Sayings

SECTION –IV

Composition
- Write a Paragraph using the given Words/Phrases
- Summarizing /Precis Writing
- Essay writing on Topics of Social relevance
- Description of a given Picture/Symbols
- Letter writing (Informal & Formal)
- Non-Verbal Communication (Body Language)

PAPER-I

GENERAL ESSAY

Candidate should write three Essays one from each section compulsorily. Each section contains three topics. Each Essay carries 50 marks.

SECTION-I - Crisis management, Social, Economic and Health Problems, Analysis and solutions, Conflict Resolution, Decision Making, Ecological intelligence.

SECTION-II –Current events, policies, schemes and programmes of National and International importance.

SECTION-III –Current events, policies, schemes and programmes of the State of Andhra Pradesh

PAPER – II

SECTION – I

HISTORY AND CULTURAL HERITAGE OF INDIA WITH EMPHASIS ON 20TH CENTURY HISTORY OF INDIA


5. Indian Nationalism – Factors for the Growth of Nationalism – Three Phases of India’s Freedom Struggle - 1885-1905, 1905-1920 and Gandhian Phase 1920-1947 - Tribal, Peasant and Workers Movements – Women and Dalit Movements – Role of different parties and organizations in the freedom struggle including role of revolutionaries – Local and regional movements as part of freedom struggle - Inter religious Unity and Communalism - Freedom and Partition of India.

SECTION – II

SOCIAL AND CULTURAL HISTORY OF ANDHRA PRADESH


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.

SECTION-III

AN OVERVIEW OF THE INDIAN CONSTITUTION


3) Centre- State relations between Indian Union and States- Administrative, Legislative and Financial- Need for Reforms- Recommendations of Rajmannar, Sarkaria and M.M. Punchchi - Is Indian System, a Federal or Unitary System - Powers and Functions of Constitutional Bodies- UPSC, State Public Service Commissions, CAG.


PAPER – III

SECTION – I

PLANNING IN INDIA & INDIAN ECONOMY

1) National income and other macroeconomic aggregates in India – Trends; Sectoral Contribution of Income; Human Development – Indicators – Importance and Measurement.

2) Indian Economic Planning – Characteristics – Types – Objectives – Achievements and Failures – Vision, strategy, accomplishments and difficulties in implementation of various 5 year plans (starting from 1st plan to 12th plan) – Economic reforms and liberalization – Origin of Economic Crisis (Meltdown in 2007-08) market failure – Role of Public and Private Sectors – Guiding principles and functioning of Niti Ayog –
Decentralization in resource sharing – Cooperative Federalism - Finance Commissions


4) Monetary Policy – Objectives - Functions of Reserve Bank of India (RBI) – Control of Credit – Structure of Indian Banking – Financial Sector Reforms. Trends in Revenue and Expenditures of the Central and State Governments – India’s Public Debt –Analysis of the Union Budget – Demonetization as a policy instrument

5) India’s Economic Problems: Nutrition and balanced diet – provision of Health care and basic education to all financing of infrastructure – PPP; agrarian crisis – migration – urbanization – growth of slums; climatic change; irrigation and water; skill development and demographic dividend; environmental degradation.

SECTION – II

LAND REFORMS & SOCIAL CHANGES IN ANDHRA PRADESH AFTER INDEPENDANCE


2) Structure of the Andhra Pradesh Economy – Sectoral and Regional Analysis – The Extent of Poverty – Agricultural Inputs and Technology.

3) Demographic Features and Social Backwardness – Literacy and Occupational Structure – Changes in the Sectoral Distribution of Income and Employment- Socio-Political and Economic Empowerment of Women.


5) Five Year Plans of Andhra Pradesh – Outlays; Regional Imbalances – Development Strategies in Andhra Pradesh – Outlays after formation of Niti Ayog

SECTION – III

ANDHRA PRADESH ECONOMY, PRESENT STATUS ITS STRENGTHS AND WEAKNESSES

1) Growth and structure of industries in Andhra Pradesh, factories, small and tiny sectors, their composition and growth – problems – remedial measures.


3) Regional disparities in income, industrial output, irrigation, health and education in Andhra Pradesh.


PAPER - IV

SECTION-I

ROLE AND IMPACT OF SCIENCE AND TECHNOLOGY IN THE DEVELOPMENT OF INDIA:

UNIT 1: Science and Technology- Classical and emerging areas their relevance to the day to day life, National Policy of Science and technology and its changes, Importance of science and technology nation Building.

UNIT 2: Nation Policies of Science and Technology- energies in Policies with time, Technology Missions- Basics in Computers in Communication and Broad-costing, Role of the information Technology in rural India, Software Development in Economic Growth, Development of Nanotechnology, Role of Nanotechnology in different areas.

UNIT 3: Space Programme in India, its Applications with Reference to industrial, Agricultural and other rural development activities; INSAR, IRS, EDUSAT, Chandrayan, Mangalayan and other futures Programmes, a role of Space Programme in Agriculture and Rural Development, IRNSS.

UNIT 4: Energy Resources: Energy demands, Indian Energy Sciences Conventional energy powers, Tharmal, renewable energy resources, Solar, wind, Bio and wasted based, energy policies Geotharmal and Tidel Sources, energy Policies in India, energy security.

UNIT 5: Current Science & Technology Developments in India, Global Warming and Climate change, Floods, Cyclones and Tsunami, Natural and Manmade Disasters, Tsunami, Mobilization and Industrialization.

SECTION-II

BIOLOGICAL RESOURCES, HUMAN WELFARE AND MODERN TRENDS IN LIFE SCIENCES

UNIT 1: Biological Resources: Plants, animals and Microbes. Outline classification of plants, animals and microorganisms. Microbial resources - History of fermentation development industrially important fermentation products - antibiotics, organic acids, alcohols, vitamins, amino acids. Insulin, and growth hormones.


UNIT 5: Vaccines: Introduction to immunity, Fundamental concepts in vaccination, Production of Modern Vaccines (production of Hepatitis vaccine).
SECTION III
ECOLOGY, NATURAL RESOURCES AND ENVIRONMENTAL ISSUES


UNIT -4: Global Environmental issues and role of Information Technology in Environment and Human Health Ozone layer depletion, Acid rain. Climate change and its impacts.


PAPER-V

DATA APPRECIATION AND INTERPRETATION, LOGICAL REASONING, QUANTITATIVE APTITUDE AND PROBLEM SOLVING.

1. Data Analysis and Interpretation of diagrammatic data – Analytical Interpretation of statistical Data, Study of Graphs and Charts - Bar graphs, Line graphs and Pie- charts and drawing conclusions. Basic problems in Trigonometry like properties of triangle, heights & distances. Basic problems in Probability and Statistics including construction of frequency tables, mean, median, mode, range, coefficient of variation, variance, standard deviation etc.

2. Logical Reasoning and Quantitative Aptitude

a) Time and Work, Speed -Time – Distance, Simple and Compound Interest, Logical reasoning problems like Calendar and Clock Problems, Blood Relationship, Seating arrangement etc

b) Quantitative Aptitude – Number system, Number Sequences, Permutations and Combinations, Series, Averages, Ratio and Proportion, Profit, loss and discount problems etc.,

c) Coding and Decoding problems: coding using Ciphers and non-ciphers

d) Problem solving using Venn Diagrams

3. Passage Analysis: A duly structured situation which is related to issues in social or economic development will be presented to the candidates and they will be asked to analyze and suggest their own solution to the problem arising out of situation. Alternatively, they may be called upon to prove the understanding of the situation by answering certain searching questions based on the situation.

Sd/-
SECRETARY