

**ANDHRA PRADESH PUBLIC SERVICE COMMISSION
VIJAYAWADA**

**Draft Syllabus for Group -I
PRELIMINARY EXAMINATION**

PAPER –I (PRELIMINARY)

GENERAL STUDIES

Marks: 120

No.of Questions:120

Time: 120 Minutes

(A) HISTORY & CULTURE (30 MARKS)

1. Indus Valley Civilization: Features, Sites, Society, Cultural History, Art and Religion.
Vedic Age- Mahajanapadas, Religions-Jainism and Buddhism.
2. The Maghadas, the Mauryan , Foreign invasions on India and their impact, the Kushans. The Sathavahanas the Sangam Age, the Sungas, the Gupta Empire -their Administration- Social, Religious and Economic conditions-Art, Architecture, Literature, Science and Technology.
3. The kanauj and their contributions, South Indian Dynasties - The Badami Chalukayas, the Rastrakutas, the Kalyani Chalukayas, the Cholas, the Hoyasalas, the Kakatiyas and Reddis.
4. The Delhi Sultanate, Vijaynagar Empire and the Mughal Empire, the Bhakti Movement and Sufism.
5. Important Dynasties of concerned State- their rulers - Administration, Economy, Society, Religion, Literature, Arts and Architecture.
6. The European Trading companies in India- their struggle for supremacy- with special reference to Bengal, Madras, Mysore, Andhra and Telangana, Governor-Generals and Viceroys.
7. Indian War of Independence of 1857 - Origin, Nature, causes, consequences and significance with special reference to Concerned State, Religious and Social Reform Movements in 19th century in India and Concerned State, India's Freedom Movement, Revolutionaries in India and Abroad.
8. Mahatma Gandhi, his thoughts, Principles and Philosophy. Important Satyagrahas, the Role of Sardar Patel in Freedom Movement and Post - independence consolidation.
9. Dr. B.R. Ambedkar, his life and contribution to making of Indian Constitution, India after Independence - Reorganization of the States in India.

(B) CONSTITUTION, POLITY, SOCIAL JUSTICE AND INTERNATIONAL RELATIONS.

(30 MARKS)

10. Indian Constitution: Evolution, features, Preamble, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy, Amendments, Significant Provisions and Basic Structure.
11. Functions and Responsibilities of the Union and the States, Parliament and State Legislatures: Structure, Function, Power and Privileges. Issues and challenges pertaining to Federal Structure: Devolution of Power and Finances up to local levels and Challenges therein.
12. Constitutional Authorities: Powers, Functions and Responsibilities.
13. Panchayati Raj.
14. Public Policy and Governance.
15. Impact of Liberalization, Privatization and Globalization on Governance.
16. Statutory, Regulatory and Quasi-judicial bodies.
17. Rights Issues (Human rights, Women rights, SC/ST rights, Child rights) etc.
18. India's Foreign Policy — International Relations — Important Institutions, Agencies and Fora, their structure and mandate.
19. Important Policies and Programmes of Central and State Governments.

(C) INDIAN AND ANDHRA PRADESH ECONOMY AND PLANNING (30 MARKS)

20. Economic development in India since Independence- role of planning, 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
21. Centre State relations - Finance Commissions, Sharing of Resources between Centre and States – implications of GST sharing – Decentralization
22. India's Economic reforms –Banking, Financial, trade and social sector; New challenges in a Globalized context – Global competition, Financial market instabilities, FDI flows, Impact of GST on Commerce and Industry.
23. Trends and patterns in structure of population over time – growth rate, gender, rural-urban migration, literacy, regional - Physical Quality of Life Index. Human Development Index, Human Poverty Gender Development Index, National Happiness Index.
24. Environmental degradation and challenges - Sustainable Development and Environment Protection.
25. Bifurcation of Andhra Pradesh and its Administrative, Economic, Social, Cultural, Political, and legal implications - Implications to financial resources of state government.
26. Growth of post-bifurcation infrastructure development and opportunities for investments, Cultural demographic impact – irrigation projects and their impact on agriculture – Poverty Alleviation and Social Welfare Programmes.
27. Employment potential in Andhra Pradesh – Skill Development Programmes – Government initiatives

(D) GEOGRAPHY (30 MARKS)

28. General Geography: Earth in Solar system, Motion of the Earth, Concept of time, Season, Internal Structure of the Earth, Major landforms and their features. Atmosphere-structure and composition, elements and factors of Climate, Airmasses and Fronts, atmospheric disturbances, climate change. Oceans: Physical, chemical and biological characteristics, Hydrological Distasters, Marine and Continental resources.
29. Physical: World, India and concerned State : Major physical divisions, Earthquakes, landslides, Natural drainage, climatic changes and regions, Monsoon, Natural Vegetation, Parks and Sanctuaries, Major Soil types, Rocks and Minerals.
30. Social: World, India and concerned State : distribution, density, growth, Sex-ratio, Literacy, Occupational Structure, SC and ST Population, Rural-Urban components, Racial, tribal, religious and linguistic groups, urbanization, migration and metropolitan regions.
31. Economic: World, India and concerned State: Major sectors of economy, Agriculture, Industry and Services, their salient features. Basic Industries-Agro, mineral, forest, fuel and manpower based Industries, Transport and Trade, Pattern and Issues.

PAPER -II – GENERAL APTITUDE

Marks: 120

No. of Questions: 120

Time: 120 Minutes

A. GENERAL MENTAL ABILITY , ADMINISTRATIVE AND PSYCHOLOGICAL ABILITIES (60 MARKS)

1. Logical Reasoning and Analytical Ability.
2. Number Series, Coding —Decoding.
3. Problems related to Relations.
4. Shapes and their Sub-sections, Venn Diagram.
5. Problems based on Clocks, Calendar and Age.
6. Number system and order of Magnitude.
7. Linear Equations - in one or two Variables.
8. Ratio, proportion and variation.
9. Average of mean, median, mode — including weighted mean.
10. Power and exponent, Square, Square Root, Cube Root, H.C.F. and L.C.M.
11. Percentage, Simple and Compound Interest, Profit and loss.
12. Time and Work, Time and Distance, Speed and Distance.
13. Area and Perimeter of Simple Geometrical Shapes, Volume and Surface Area of Sphere, Cone, Cylinder, cubes and Cuboids.
14. Lines, angles and common geometrical figures — properties of transverse of parallel lines, properties of related to measure of sides of a triangles, Pythagoras theoreth, quadrilateral, rectangle, parallelogram, and rhombus.
15. Introduction to algebra — BODMAS, simplification of weird symbols.
16. Data interpretation, Data Analysis, Data sufficiency, and concepts of Probability.
17. Emotional Intelligence: Understanding and analyzing emotions, Dimensions of emotional intelligence, Self motivation, Emotional stability, Managing relations, Integrity, Self development, Value orientation, Commitment, Altruistic behavior, Coping with emotions, overcoming functional fixedness.
18. Empathy and Coping with stress: Sensitivity, Objectivity, Social inclination, Social responsibility, Openness, Compassion, Optimism, Self awareness, Self acceptance, Planning ability, Objectivity, Relaxation ability, Stability, Reality orientation, Resilience.
19. Decision Making and Problem solving: Objectivity, Divergent thinking ability, Perception of situation, Synthetic ability, Rationality, General intelligence, Anticipation and consequence.
20. Social Intelligence and Interpersonal skills: Sympathy, Tolerance, Healthy distance, Patience, Cooperativeness, Sensitivity, Compassion, sense of humour, Memory and Optimism, Reciprocity, Etiquette, Lack of prejudice.
21. Critical thinking and Creative thinking: Seeing problems, Unusual uses, Consequences test, Inquisitiveness, Persistency, Novelty, Fluency, Flexibility, Originality, Anticipation of consequences, Analytical abilities, Independent thinking, Un conditionality, Analysis of the situation, Evaluation of the situation, Reaching a conclusion.
22. Assessment of Personality: Independence, Wellbeing, Social presence, Self control, Managerial potential, Extra version, Agreeability, trust, warmth, assertive, Positive attitude.

(B) (i) SCIENCE AND TECHNOLOGY (30 MARKS)

23. Science and Technology: Nature and Scope of Science & Technology; Relevance of Science & Technology to the day to day life; National Policy on Science, Technology and Innovation; Institutes and Organization in India promoting integration of Science, Technology and Innovation, their activities and contribution; Contribution of Prominent Indian Scientists.
24. Information and Communication Technology (ICT): Nature and Scope of ICT; ICT in day to day life; ICT and Industry; ICT and Governance - Various government schemes promoting use of ICT, E-Governance programmes and services; Netiquettes; Cyber Security Concerns - National Cyber Crime Policy.
25. Technology in Space & Defence: Evolution of Indian Space Programme; Indian Space Research Organization (ISRO) — it's activities and achievements; Various Satellite Programmes — Satellites for Telecommunication, Indian Regional Navigation Satellite System (IRNSS), Indian Remote Sensing (IRS) Satellites; Satellites for defence, Eduset or Satellites for academic purposes; Defence Research and Development Organization (DRDO)- vision, mission and activities.
26. Energy Requirement and Efficiency: India's existing energy needs and deficit; India's Energy Resources and Dependence, Energy policy of India - Government Policies and Programmes. Solar, Wind and Nuclear energy
27. Environmental Science: Issues and concerns related to environment; Its legal aspects, policies and treaties for the protection of environment at the national and the international level; Biodiversity- its importance and concerns; Climate Change, International Initiatives (Policies, Protocols) and India's commitment; Forest and Wildlife - Legal framework for Forest and Wildlife Conservation in India; Environmental Hazards, pollution, carbon emission, Global warming. National Action plans on Climate Change and Disaster management. Biotechnology and Nanotechnology; Nature, Scope and application, Ethical, Social, and Legal issues, Government Policies. Genetic Engineering; Issues related to it and its impact on human life. Health & Environment.

B (ii) - CURRENT EVENTS OF REGIONAL, NATIONAL AND INTERNATIONAL IMPORTANCE. (30 MARKS)