

APPSC Mains – Paper II

History, Culture and Geography of India and Andhra Pradesh

Marks – 150 | Time – 150 Minutes | Medium – English / Telugu

Section A – History and Culture of India

Block	Theme	Complete Syllabus Coverage
Block 1	Ancient India – Early Foundations	Pre-Historic Cultures in India; Indus Valley Civilization; Vedic Culture; Mahajanapadas; Emergence of New Religions – Jainism, Buddhism; Rise of the Magadha and Age of the Mauryas; Ashoka Dharma; Foreign Invasions on India; The Kushans
Block 2	Classical Age and Early South India	The Satavahanas; The Sangam Age in South India; The Sungas; The Guptas; The Kanauj and their Contributions; Historical Accounts of Foreign Travelers; Early Educational Institutions
Block 3	Early Medieval South Indian Dynasties	The Pallavas; The Badami Chalukyas; The Eastern Chalukyas; The Rashtrakutas; The Kalyani Chalukyas; The Cholas; Socio Cultural Contributions; Language, Literature Art and Architecture
Block 4	Medieval India – Sultanate and Regional Kingdoms	Delhi Sultanates; Advent of Islam and its Impact; Religious Movements like Bhakti and Sufi and Its Influence; Growth of Vernacular Languages, Scripts, Literature, Fine Arts; Socio Cultural Conditions of the Kakatiyas, the Vijayanagaras, the Bahmanis, the Qutubshahis and their contemporary South Indian kingdoms
Block 5	Mughal Period and European Entry	The Mughals Administration; Socio-Religious life and Cultural developments; Shivaji and Rise of Maratha Empire; Advent of Europeans in India; Trade practices; Rise of East India Company its Hegemony; Changes in Administration, Social and Cultural spheres; Role of Christian Missionaries
Block 6	British Expansion and Reform Movements	Rise of British rule in India from 1757 to 1856; Land Revenue Settlement – Permanent Settlement, Ryothvari and Mahalvari; 1857 Revolt and its Impact; Education, Press, Cultural changes; Rise of National Consciousness and Changes; Socio-Religious Reform Movements in 19th century; Rajaram Mohan Roy; Dayananda Saraswathi; Swamy Vivekananda; Annie Besant; Sir Syed Ahmad Khan and others
Block 7	National Movement – Leaders and	Rise of Indian Nationalism; Activities of Indian National Congress; Vandemataram; Home Rule Movements; Self Respect Movement; Jyothiba Phule; Narayana Guru; Periyar Ramaswamy Naicker; Role of

Block	Theme	Complete Syllabus Coverage
Block 8	Ideological Streams	Mahatma Gandhi; Subhash Chandra Bose; Vallabhai Patel; Satyagraha; Quit India Movement; Dr B.R. Ambedkar and his Contributions
	Freedom Struggle Phases and Post-Independence India	Indian Nationalism in three phases – 1885-1905, 1905-1920 and Gandhi Phase 1920-1947; Peasant, Women, Tribal and Workers Movements; Role of Different parties in Freedom Struggle; Local and Regional Movements; Inter Religious Unity and Communalism; Independence and Partition of India; India after Independence; Rehabilitation after partition; Linguistic Re-organization of States; Integration of the Indian States; Indian Constitution; Economic policies; Foreign Policy Initiatives

Section B – History and Culture of Andhra Pradesh

Block	Theme	Complete Syllabus Coverage
Block 9	Ancient Andhra	The Satavahanas; The Ikshvakus; The Salankayanas; The Pallavas; The Vishnukundins; Social and Economic Conditions; Religion; Language (Telugu); Literature; Art and Architecture; Jainism and Buddhism in Andhra; The Eastern Chalukyas; The Rashtrakutas; The Renati Cholas and others; Socio-Cultural life; Telugu Script and Language; Literature, Art and Architecture
Block 10	Medieval Andhra (1000–1565 A.D.)	Socio- Cultural and Religious Conditions in Andhradesa 1000 to 1565 A.D.; Antiquity, Origin and Growth Telugu Language and Literature (Kavitraya - Asthadiggajas); Fine Arts, Art & Architecture during the reign of Kakatiyas, Reddis, Gajapatis and Vijayanagaras and their feudatories; Historical Monuments – Significance; Contribution of Qutubshahis to Andhra History and Culture; Regional Literature; Praja Kavi – Vemana and others
Block 11	Modern Andhra – Colonial Period	European Trade Establishments in Andhra; Andhra Under the Company Rule; Role of Christian Missionaries; Socio-Cultural, Literary Awakening; C.P. Brown; Thomas Munro; Mackenzie; Zamindary, Polegary System; Native States and Little Kings; Role of Social Reformers – Gurajada Apparao, Kandukuri Veeresalingam, Raghupati Venkataratnam Naidu, Gidugu Ramamurthy, Annie Besant and others; Library Movement in Andhra Pradesh; Role of News Paper; Folk and Tribal Culture; Oral Traditions; Subaltern Culture; Role of women
Block 12	National Movement in Andhra	Role of Andhra leaders; Justice Party; Non-Brahmin Movement; Nationalist and Revolutionary Literature; Gurram Jashva; Boyi Bheemanna; Sri Sri; Garimella Satyanarayana; Rayaprolu Subbarao; Unnava Lakshminarayana; Tripuraneni Ramaswamy Choudhary and others; Andhra Mahasabhas;

Block	Theme	Complete Syllabus Coverage
		Andhra Movement – prominent leaders; Alluri Sitaramraju; Duggirala Gopalakrishnaiah; Konda Venkatappayya; Pattabhi Seetaramaiah; Ponaka Kanakamma; Dokka Sitamma; Grandhlaya Movement; Ayyanka Venkataratnam; Gadicherla Harisarvothamarao; Kasinanathuni Nagesvara Rao; Potti Sreeramulu; Formation of Andhra State, 1953; Emergence of Andhra Pradesh, 1956; Andhra Pradesh 1956 to 2014; Causes for Bifurcation; 2nd June 2014 – Impact
Block 13	Andhra Pradesh – Bifurcation and After	Bifurcation of Andhra Pradesh and its impact on Administrative, Economic, Social, Political, Cultural and Legal Implications; Loss of Capital City; Building of New Capital and its financial Implications; Division of Employees and their Native Issues; Effect of Bifurcation on Trade & Commerce, Industry; Implication of Financial Resources of State Government; Developmental Opportunities; Socio-Economic, Cultural and Demographic impact of Bifurcation; Impact on River water sharing and other link issues; Andhra Pradesh Reorganization Act, 2014; Arbitrariness of certain provisions

Section C – Geography: India and Andhra Pradesh

Block	Theme	Complete Syllabus Coverage
Block 14	Physical Geography – India and Andhra Pradesh	Physical Features and Resources – India and Andhra Pradesh; Major land forms; Climatic changes; Soil types; Rivers; Water, Streams; Geology; Rocks; Mineral Resources; Metals; Clays; Construction Materials; Reservoirs; Dams; Forests; Mountains; Hills; Flora and fauna; Plateau Forests; Hill Forests; Vegetation Classification
Block 15	Economic Geography	Agriculture; Live stocks; Forestry; Fishery; Quarrying; Mining; House hold Manufacturing; Industries – Agro, Mineral, Forest, Fuel and man power; Trade and Commerce; Communication; Road Transport; Storage and others
Block 16	Social, Faunal and Environmental Geography	Population Movements and Distribution; Human Habitations; Density; Age; Sex; Rural; Urban; Race; Caste; Tribe; Religion; Linguistic; Urban Migration; Education Characteristics; Wild Animals; Animals; Birds; Reptiles; Mammals; Trees and Plants; Sustainable Development; Globalization; Temperature; Humidity; Cloudiness; Winds; Special Weather Phenomena; Natural Hazards – Earth Quakes; Land Slides; Floods; Cyclones; Cloud Burst; Disaster Management; Impact Assessment; Environmental Pollution; Pollution Management

APPSC Mains – Paper III

Polity, Constitution, Governance, Law and Ethics

Marks – 150 | Time – 150 Minutes | Medium – English / Telugu

Section A – Indian Polity and Constitution

Block	Theme	Complete Syllabus Coverage
Block 1	Constitution – Features and Union– State Functions	Indian Constitution and its salient features; Functions and duties of the Indian Union and the State Governments
Block 2	Federal Structure and Governor	Issues and challenges pertaining to the Federal structure; Role of Governor in States; Distribution of powers between the Union and States (Union list, State list and Concurrent list); Issues and challenges
Block 3	Local Governance and Constitutional Authorities	Rural and Urban Local Governance under 73rd and 74th Constitutional Amendment; Constitutional Authorities and their Role
Block 4	Parliament and State Legislatures	Parliament and State Legislatures — structure, functioning, conduct of business, powers & privileges and issues arising out of these
Block 5	Judiciary, Emergency and Amendments	Judiciary in India — Structure and functions; Important provisions relating to emergency and constitutional amendments; Judicial review; Public Interest Litigation

Section B – Public Administration and Governance

Block	Theme	Complete Syllabus Coverage
Block 6	Foundations of Public Administration	Meaning, Nature and Scope of Public Administration; Evolution in India; Administrative ideas in Kautilya's Arthashastra; Mughal administration; Legacy of British rule
Block 7	Government Policies and Development	Government policies and interventions for development in various sectors and issues and problems of implementation
Block 8	Development Processes and Stakeholders	Development processes; Role of civil society, NGOs and other stakeholders

Block	Theme	Complete Syllabus Coverage
Block 9	Statutory and Regulatory Framework	Statutory, regulatory and various quasi-judicial authorities; Role of Civil Services in Democracy
Block 10	Good Governance and Accountability	Good governance and e-governance; Transparency, accountability and responsiveness in governance; Citizen's Charter; RTI; Public Service Act and their implications; Concept of Social Audit and its importance

Section C – Ethics in Public Service and Knowledge of Law

Block	Theme	Complete Syllabus Coverage
Block 11	Ethics and Human Interface	Ethics and Human Interface: Essence, determinants and Consequences of Ethics in Human actions; Dimensions of Ethics; Ethics in Private and Public relationships; Ethics – Integrity and Accountability in Public Service
Block 12	Human Values and Society	Human values: Understanding the Harmony in existence; Human relationships in the society and in the Nature; Gender Equability in the relationships; Role of family, society and Educational Institutions in imparting values to citizens; Lessons from the lives and teachings of great leaders, reformers and administrators
Block 13	Attitude and Emotional Intelligence	Attitude: Content, Functions, its influence and relation with thought and behaviour; Moral and Political attitudes; Role of Social influence and persuasion; Emotional intelligence – Concepts and their utilities and application in Administration and Governance
Block 14	Professional Ethics and Governance	Concept of Public Service; Philosophical basis of Governance; Professional Ethics in the light of right understanding and Vision for Holistic Technologies; Codes of Ethics; Codes of Conduct; RTI; Public Service Act; Leadership Ethics; Work culture; Ethical principles within an Organizational context; Ethical and moral values in governance; Ethical issues in international relations; Corruption; Lokpal; Lokayukta
Block 15	Basic Knowledge of Laws in India	Constitution of India: Nature and salient features; Fundamental Rights and Directive Principles of State Policy; Bifurcation of powers between centre and state (state list, union list and concurrent list); Powers of judiciary, executive and legislature; Civil and Criminal laws: Hierarchy of civil and criminal courts in India; Difference between substantial and procedural laws; Order and decree; New developments in criminal laws; Nirbhaya Act; Labour Law: Concept of social welfare legislations in India; Changing trends in employment and necessity for new labour laws; Cyber Laws: Information Technology Act; Cyber Security and Cyber Crime; Difficulties in determining

Block	Theme	Complete Syllabus Coverage
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competent jurisdiction of courts in case of cyber-crimes; Tax Laws: Laws relating to income, Profits, Wealth Tax, Corporate Tax; GST



APPSC Mains – Paper IV

Economy and Development of India and Andhra Pradesh

Marks – 150 | Time – 150 Minutes | Medium – English / Telugu

Section A – Indian Economy

Block	Theme	Complete Syllabus Coverage
Block 1	Major Challenges of Indian Economy	Major Challenges of Indian Economy – Inconsistent growth rate; Low growth rates of agriculture and manufacturing sectors; Inflation and oil prices; Current account deficit and unfavorable balance of payments; Falling rupee value; Growing NPAs and capital infusion; Money laundering and black money; Insufficient financial resources and deficiency of capital; Lack of Inclusive growth and Sustainable development – Nature, causes, consequences and solutions of these problems
Block 2	Resource Mobilization in Indian Economy	Sources of financial resources for public and private sectors; Budgetary resources – Tax revenue and non-tax revenue; Public debt: Market borrowings, loans and grants etc.; External debt from multilateral agencies; Foreign institutional investment and foreign direct investment; Desirability and consequences of utilizing different sources; Monetary and fiscal policies; Financial markets and institutions of developmental finance; Investment in industries and infrastructure projects; Physical resources – Energy resources
Block 3	Government Budgeting – India	Structure of Government budget and its components; Budgeting process and recent changes; Types of budget; Types of deficits, their impact and management; Highlights of current year's union budget and its analysis; GST and related issues; Central assistance to states; Issues of federal finance in India; Recommendations of the latest finance commission

Section B – Andhra Pradesh Economy

Block	Theme	Complete Syllabus Coverage
Block 4	Resource Mobilization in Andhra Pradesh	Resource mobilization in Andhra Pradesh – Budgetary resources and constraints; Fulfillment of the conditions of A.P Bifurcation Act; Central assistance and issues of conflict; Public debt and projects of external assistance; Physical resources – Mineral and forest resources; Water disputes with neighboring states
Block 5	Government Budgeting in Andhra Pradesh	Government budgeting in Andhra Pradesh – Budget constraints; Central assistance and issues of conflict after bifurcation of the state;

Block	Theme	Complete Syllabus Coverage
		Management of deficits; Highlights and Analysis of the current year budget; State finance commission and local finance in Andhra Pradesh

Section C – Inclusive Growth and Agriculture

Block	Theme	Complete Syllabus Coverage
Block 6	Inclusive Growth – India and Andhra Pradesh	Inclusive Growth: Meaning of inclusion; Causes of exclusion in India; Strategies for and instruments of inclusion: Poverty alleviation and employment, Health and Education, Women empowerment, Social welfare schemes; Food Security and Public Distribution System; Sustainable agriculture; Integrated Rural development; Regional diversification; Public and partnership for inclusive growth; Financial inclusion; All Andhra Pradesh government's current schemes for inclusive growth and financial inclusion; Public Distribution System and DWCRA
Block 7	Agricultural Development – India	Agricultural Development: Role of agriculture in economic development; Contribution to GDP; Issues of finance, production, marketing; Green revolution and changing focus to dryland farming, organic farming and sustainable agriculture; Minimum support prices; Agriculture policy; Swaminathan commission; Rainbow revolution
Block 8	Agricultural Development in Andhra Pradesh	Agriculture Development in Andhra Pradesh: Contribution to SGDP; Regional disparities in irrigation and agricultural development; Changing cropping pattern; Focus on horticulture and fisheries and dairying; Government schemes to promote agriculture in Andhra Pradesh

Section D – Industrial Development

Block	Theme	Complete Syllabus Coverage
Block 9	Industrial Development and Policy – India	Industrial Development and Policy: Role of industrial sector in economic development; Evolution of industrial policy since independence; Industrial Policy, 1991 and its impact on Indian economy; Contribution of Public Sector to industrial development in India; Impact of liberalization and privatization and globalization on industrial development; Disinvestment and privatization; Problems of core industries; Micro, small and medium enterprises, their problems and policy; Industrial sickness and support mechanism; Manufacturing policy; Make-in India; Start up programme; NIMZs; SEZs; Industrial corridors

Block	Theme	Complete Syllabus Coverage
Block 10	Industrial Policy – Andhra Pradesh	Industrial Policy of the AP Government; Incentives to industries; Industrial corridors and SEZs in Andhra Pradesh; Bottlenecks for industrial development; Power projects

Section E – Infrastructure Development

Block	Theme	Complete Syllabus Coverage
Block 11	Infrastructure in India	Infrastructure in India: Transport infrastructure – Ports, Roads, Airports, Railways; Major projects of transport infrastructure in India; Communication infrastructure; Information Technology; e-governance; Digital India; Energy and Power; Urban infrastructure; Smart cities; Urban environment; Solid waste management; Weather forecast and disaster management; Issues of finance, ownership, operation and maintenance of all kinds of infrastructure; Public-private partnership and related issues; Pricing of public utilities and government policy; Environmental impacts of infrastructure projects
Block 12	Infrastructure Development in Andhra Pradesh	Infrastructure Development in Andhra Pradesh – Transport, Energy and ICT infrastructure; Bottlenecks; Government policy; Ongoing projects

APPSC Mains – Paper V

Science and Technology

Marks – 150 | Time – 150 Minutes | Medium – English / Telugu

Section A – Science, Technology and Innovation

Block	Theme	Complete Syllabus Coverage
Block 1	Science, Technology and Innovation in Nation Building	Integration of Science, Technology and Innovation for better human life; Science & Technology in everyday life; National Policies on proliferation of Science, Technology and Innovation; India's contribution in the field of Science and Technology; Concerns and challenges in the proliferation and use of science and technology; Role and Scope of Science and Technology in nation building; Major Scientific institutes for Science and Technology in AP and India; Major Scientific Institutes for Research and Development in AP and India; Achievements of Indian Scientist in the field of Science and Technology; Indigenous technologies and developing new technologies

Section B – Information Technology and Space

Block	Theme	Complete Syllabus Coverage
Block 2	Information and Communication Technology	Information and Communication Technology (ICT) – its importance, advantages and challenges; E-governance and India; Cyber Crime and policies to address security concerns; Government of India Policy on Information Technology (IT); IT Development in AP and India
Block 3	Indian Space Programme and Defence Research	Indian Space Programme – Past, Present and Future; Indian Space Research Organization (ISRO) – its activities and achievements; Satellite Programmes of India and Use of Satellites in different fields like Health, Education, Communication Technology, Weather forecasting affecting human lives; Defence Research and Development Organization (DRDO)

Section C – Energy and Nuclear Policy

Block	Theme	Complete Syllabus Coverage
Block 4	Energy Resources and Policy	Indian's energy needs, efficiency and resources; Clean energy resources; Energy policy of India – Government Policies and Programmes; Conventional and Non-Conventional energy resources; Energy demands; Indian Energy Sciences; Conventional energy powers;

Block	Theme	Complete Syllabus Coverage
		Thermal; Renewable energy resources; Solar; Wind; Bio and waste based; Energy policies; Geothermal and Tidal Sources; Energy Policies in India; Energy security
Block 5	Nuclear Policy and International Commitments	Salient features of Nuclear Policy of India; Development of Nuclear programmes in India; Nuclear Policies at the International level and India's stand on them

Section D – Environment and Sustainable Development

Block	Theme	Complete Syllabus Coverage
Block 6	Environment, Natural Resources and Sustainable Development	Development Vs Nature / Environment; Depletion of Natural Resources – Metals, Minerals; Conservation Policy; Environmental Pollution – Natural and Anthropogenic; Environmental degradation; Sustainable Development – possibilities and challenges; Climate Change and its effect on the world; Climate justice – a global phenomenon; Environment Impact Assessment; Natural Disasters – Cyclones, Earth Quakes, Landslides & Tsunamis – Prediction Management; Correlation between Health & Environment; Social Forestry; Afforestation and deforestation; Mining in AP and India; Types of Natural resources – renewable and Nonrenewable; Forest resources; Fishery resources; Fossil Fuels – Coal, Petroleum and Natural Gas; Mineral resources; Water resources – Types; Water shed management; Land resources – types of soils and soil reclamation
Block 7	Environmental Pollution, Legislation and Global Issues	Environmental pollution and Solid waste management: Sources, impacts and control of – Air pollution, Water pollution and Soil pollution; Noise pollution; Solid waste management – Types of solid waste, impacts of solid waste, recycling and reuse; Remedial measures for Soil erosion and Coastal erosion; Global Environmental issues and role of Information Technology in Environment and Human Health; Ozone layer depletion; Acid rain; Global Warming and its impacts; Environmental legislation: International Law; Montreal Protocol; Kyoto Protocol; United Nations Framework Convention on Climate Change; CITES; The Environment (Protection) Act 1986; Forest Conservation Act; Wildlife Protection Act; Biodiversity Bill of India; COP 21; Sustainable Development Goals; National Disaster Management Policy, 2016 of India; Disaster management initiatives in India; White Revolution; Green Revolution; Green Pharmacy

Section E – Biotechnology, Health and IPR

Block	Theme	Complete Syllabus Coverage
Block 8	Biotechnology and Nanotechnology	Nature, Scope and Applications of Biotechnology and Nanotechnology in India; Ethical, Social and Legal concerns; Government policies; Genetic engineering, issues related to it and its impact on human life; Biodiversity; Fermentation; Immuno-diagnosis techniques
Block 9	Human Diseases, Vaccines and Genetic Engineering	Human diseases – microbial infections; Common infections and preventive measures; Introduction to bacterial, viral, protozoal and fungal infections; Basic knowledge of infections – diarrhoea, dysentery, cholera, tuberculosis, malaria; Viral infections like HIV, Encephalitis, Chikungunya, bird flu – preventive measures during outbreaks; Introduction to Genetic Engineering and Biotechnology; Basic concepts of genetic engineering; Tissue culture methods and applications; Biotechnology in agriculture – Bio-pesticides, Bio-fertilizers, Bio-fuels, Genetically modified crops; Animal husbandry – transgenic animals; Vaccines: Introduction to immunity; Fundamental concepts in vaccination; Production of Modern Vaccines (production of Hepatitis vaccine)
Block 10	Intellectual Property Rights and Promotion of Science	Issues related to Intellectual Property Rights in the field of Science and Technology; Promotion of Science in AP and India

