APPSC Group-I Prelims

Self-Study Topic-Wise Table of Contents

Prepared from the uploaded APPSC Group-I Preliminary Examination syllabus. The official syllabus has been reorganized into practical study chapters and micro-topics.

PAPER-I — GENERAL STUDIES

PART I — HISTORY & CULTURE

- 1. Indus Valley Civilization — sites; town planning; society; economy; trade; religion; art; script; science; decline.
- 2. Vedic Age — Early/Later Vedic periods; political institutions; society; economy; religion; literature; changes.
- 3. Mahajanapadas & Magadha — sixteen Mahajanapadas; republics/monarchies; Haryanka, Shishunaga and Nanda dynasties; rise of Magadha.
- 4. Jainism & Buddhism — Mahavira; Buddha; doctrines; councils; sects; spread; social and cultural contributions.
- 5. Mauryan Empire — Chandragupta; Kautilya; administration; Ashoka; Kalinga; Dhamma; edicts; art; decline.
- 6. Foreign Invasions & Kushanas — Indo-Greeks; Shakas; Parthians; Kushanas; Kanishka; Gandhara/Mathura; Silk Route.
- 7. Satavahanas — rulers; administration; economy; trade; society; religion; art; literature; coins; Roman trade; Andhra region.
- 8. Sangam Age — Cheras; Cholas; Pandyas; literature; society; economy; trade; religion; women; culture.
- 9. Gupta Empire — rulers; administration; economy; society; religion; literature; science; art; architecture; decline.
- 10. South Indian Dynasties — Badami/Eastern Chalukyas; Rashtrakutas; Kalyani Chalukyas; Cholas; Hoysalas; Yadavas; Kakatiyas; Reddys.
- 11. Delhi Sultanate — dynasties; administration; Iqta; economy; society; religion; architecture; decline.
- 12. Vijayanagara Empire — dynasties; Krishnadevaraya; administration; Nayankara; economy; society; culture; Hampi; travellers; Talikota.
- 13. Mughal Empire — rulers; Mansabdari/Jagirdari; administration; economy; society; religion; architecture; painting; literature; decline.
- 14. Bhakti & Sufi Movements — traditions; major saints/orders; social and religious impact; literature; regional movements.
- 15. European Entry & Expansion — Portuguese; Dutch; English; French; Carnatic conflicts; Bengal; Bombay; Madras; Mysore; Andhra; Nizam; Governor-Generals/Viceroys.
- 16. Revolt of 1857 — causes; centres; leaders; nature; failure; consequences; significance; Andhra-related aspects.
- 17. Social & Religious Reform — Brahmo Samaj; Arya Samaj; Ramakrishna Mission; Prarthana Samaj; Aligarh; Theosophical movement; social reform in Andhra.
- 18. Indian National Movement — INC; Moderates; Extremists; Swadeshi; Surat; Home Rule; revolutionaries; Gandhian movements; INA; constitutional developments; Partition.
- 19. Mahatma Gandhi — philosophy; Satyagraha; Champaran; Kheda; Ahmedabad; Non-Cooperation; Civil Disobedience; Quit India; constructive work.
- 20. Dr. B.R. Ambedkar — life; social reform; anti-untouchability; political work; Constituent Assembly; Constitution; social justice.
- 21. Post-Independence India — integration of princely states; Patel; linguistic reorganization; Andhra State; Andhra Pradesh; major developments.

PART II — CONSTITUTION, POLITY, SOCIAL JUSTICE & INTERNATIONAL RELATIONS

- 22. Constitutional Development — Regulating Act; Charter Acts; Government of India Acts; 1935 Act; Constituent Assembly; sources.
- 23. Constitution — salient features; Preamble; territory; citizenship; philosophy; Basic Structure; amendments.
- 24. Fundamental Rights & Duties — rights; restrictions; remedies; duties; important interpretations.
- 25. Directive Principles — classification; socio-economic, Gandhian and liberal principles; FR-DPSP relationship; implementation.
- 26. Union Government — President; Vice-President; Prime Minister; Council of Ministers; Cabinet; Attorney General.
- 27. Parliament — Lok Sabha; Rajya Sabha; procedure; bills; Money Bill; Budget; committees; privileges; anti-defection.
- 28. State Government — Governor; Chief Minister; Council of Ministers; Legislature; legislative procedure; State Budget.
- 29. Federalism — Union-State relations; legislative/administrative/financial relations; Inter-State Council; Finance Commission; GST Council.
- 30. Local Government — 73rd/74th Amendments; Panchayati Raj; Gram Sabha; municipalities; devolution; local finance.
- 31. Constitutional/Statutory Bodies — ECI; UPSC/APPSC; Finance Commission; CAG; AG/Advocate General; national commissions; regulators; quasi-judicial bodies.
- 32. Governance & Public Policy — good governance; transparency; accountability; RTI; Citizen Charter; e-governance; social audit; service delivery.
- 33. Social Justice — human rights; women; children; SC/ST safeguards; inclusion; welfare mechanisms.
- 34. International Relations — foreign policy; neighbourhood; UN; IMF; World Bank; WTO; regional organizations; major powers.
- 35. Government Schemes — central/AP schemes; welfare; agriculture; employment; economic/social sector; digital governance.

PART III — INDIAN & ANDHRA PRADESH ECONOMY

- 36. Basics of Indian Economy — developing economy; growth; development; inclusive growth; HDI; sustainable development.
- 37. Planning & Development — Five-Year Plans; objectives; achievements; NITI Aayog; SDGs.
- 38. National Income — GDP; GNP; NNP; national income; per-capita income; real/nominal GDP; national accounts.
- 39. Population & Human Development — demography; population growth; demographic dividend; poverty; inequality; unemployment; occupational structure.
- 40. Rural & Urban Development — rural economy/poverty/employment/infrastructure; urbanization; urban poverty; smart cities.
- 41. Agriculture — irrigation; inputs; Green Revolution; policy; land reforms; agrarian crisis; credit; MSP; food security; malnutrition.
- 42. Industry — industrialization; policy; public/private sectors; MSMEs; Make in India; Start-up/Stand-up; SEZs; corridors; energy.
- 43. External Sector — trade; exports/imports; BoP; current/capital account; exchange rates; WTO.
- 44. Banking & Finance — RBI; monetary policy; repo/reverse repo; CRR/SLR; banks; NPAs; reforms; financial inclusion; markets; SEBI.
- 45. Public Finance — taxation; GST; fiscal policy; expenditure; debt; deficits; Centre-State finances; Finance Commission; Budget.
- 46. Andhra Pradesh Economy — post-2014 economy; resources; revenue; agriculture; irrigation; industry; services; infrastructure; power; transport; IT; e-governance; urbanization; skills; employment; welfare.
- 47. AP Reorganisation & Economic Issues — Reorganisation Act 2014; revenue loss; central assistance; capital; backward districts; river-water disputes; Special Status/Assistance; railway zone; Kadapa steel; Dugarajapatnam; expressways; corridors.

PART IV — GEOGRAPHY

- 48. Physical Geography Fundamentals — Earth/Solar System; motions; time; seasons; latitude/longitude; interior; rocks; minerals; landforms.
- 49. Geomorphology — endogenic/exogenic forces; mountains; plateaus; plains; volcanoes; earthquakes; landslides; weathering; erosion.
- 50. Atmosphere & Climate — structure; composition; temperature; pressure; winds; humidity; clouds; rainfall; air masses; fronts; cyclones; climate change.
- 51. Oceanography — relief; temperature; salinity; currents; tides; marine resources; pollution; hydrological disasters.
- 52. World Geography — continents; major physical features; rivers; climate regions; vegetation; soils; minerals; industrial regions.

- 53. Indian Geography — physiography; rivers; climate/monsoon; soils; vegetation; minerals; forests; parks; sanctuaries.
- 54. Andhra Pradesh Geography — location; physiography; rivers; drainage; climate; soils; vegetation; minerals; irrigation; agriculture; industries; ports; transport; protected areas.
- 55. Population Geography — distribution; density; growth; sex ratio; literacy; SC/ST; rural-urban; migration; urbanization; metropolitan regions; tribal/religious/linguistic groups.
- 56. Economic Geography — primary/secondary/tertiary sectors; agriculture; industries; mineral/forest/fuel industries; transport; trade.

PAPER-II — GENERAL APTITUDE

PART V — QUANTITATIVE APTITUDE

- 57. Number System — types of numbers; divisibility; factors; primes; remainders; modular arithmetic; order of magnitude.
- 58. HCF & LCM — prime factorization; relationships; two/three-number problems; applications.
- 59. Powers & Roots — exponents; laws; squares; square roots; cubes; cube roots; surds.
- 60. Ratio, Proportion & Variation — ratios; proportions; direct/inverse variation; compound ratios; applications.
- 61. Central Tendency — mean; weighted mean; median; mode; combined average; missing values.
- 62. Percentage — basic; increase/decrease; successive changes; population; income-expenditure; data applications.
- 63. Profit, Loss & Discount — CP/SP; profit/loss; marked price; discount; successive discounts; false weights.
- 64. Simple & Compound Interest — SI; CI; compounding; difference; applications.
- 65. Time & Work — work rates; efficiency; combined work; men-days; pipes/cisterns; alternate work.
- 66. Time, Speed & Distance — speed; relative speed; average speed; trains; boats/streams; circular motion; graphs.
- 67. Geometry & Mensuration — lines/angles; triangles; quadrilaterals; rectangle/square/parallelogram/rhombus; circle; area/perimeter; cube/cuboid/cylinder/cone/sphere; volume/surface area.
- 68. Algebra & Simplification — BODMAS; expressions; equations; identities; simplification; unusual symbols.
- 69. Data Interpretation — tables; bar/line/pie/mixed graphs; percentage; ratio; average; data analysis.
- 70. Data Sufficiency — statement analysis; necessary/sufficient information; two/multi-statement problems.
- 71. Probability — sample space; events; basic and counting-based probability.

PART VI — REASONING & MENTAL ABILITY

- 72. Logical Reasoning — statements; conclusions; assumptions; arguments; inference; cause/effect; relationships.
- 73. Analytical Ability — arrangements; sequencing; classification; analogy; odd one out; patterns; puzzles.
- 74. Number Series — differences; multiplication; mixed operations; square/cube; alternating; missing number.
- 75. Coding-Decoding — letter; number; substitution; position; mixed coding.
- 76. Relations — blood relations; generations; coded relations; family trees.
- 77. Shapes & Venn Diagrams — figure classification; patterns; Venn diagrams; sets; logical classification.
- 78. Clocks, Calendars & Ages — clock angles; coincidence/opposition; calendars; odd days; leap years; dates; age problems.

PART VII — EMOTIONAL & SOCIAL INTELLIGENCE

- 79. Emotional Intelligence — meaning; self-awareness; self-regulation; motivation; empathy; social skills; emotions; stress.
- 80. Social Intelligence — interpersonal skills; communication; empathy; conflict handling; teamwork; decision making; critical thinking; problem solving; personality assessment.

PART VIII — SCIENCE & TECHNOLOGY

- 81. General Science & Technology — nature/scope; everyday relevance; science policy; Indian institutions; major scientists.
- 82. ICT — computers; internet; communication; industry; e-governance; government ICT; netiquette; cyber security; cyber crime.
- 83. Space Technology — Indian space programme; ISRO; satellites; communication; remote sensing; NavIC/IRNSS; educational/defence satellites; missions.
- 84. Defence Technology — DRDO; defence research; missiles; radar; electronics; unmanned systems.
- 85. Energy — energy needs/deficit; coal/oil/gas; renewables; solar; wind; nuclear; efficiency; policies.
- 86. Environmental Science — ecosystems; biodiversity; pollution; climate change; global warming; carbon; laws; forests/wildlife; treaties; India's commitments; disaster management.
- 87. Biotechnology — fundamentals; genetic engineering; GM technology; agriculture; medicine; environment; ethical/social/legal issues.
- 88. Nanotechnology — concepts; nanomaterials; medical/industrial/environmental applications; ethical/social issues.
- 89. Health & Environment — public health; environment-health link; diseases; nutrition; sanitation; pollution-related health.

PART IX — CURRENT AFFAIRS

- 90. Andhra Pradesh Current Affairs — government policies/schemes; economy; budget; infrastructure; agriculture; industries; environment; geography; awards; reports/rankings; appointments; important events.
- 91. National Current Affairs — schemes; economy/budget; polity/governance; courts; science/space/defence; environment; reports/indices; awards; sports; appointments; books/authors.
- 92. International Current Affairs — organizations; summits; global economy; international relations; conflicts/geopolitics; climate; science; reports; rankings; awards; agreements.

Suggested study cycle: *Concept → Short Notes → Topic MCQs → PYQs → Revision → Mixed Test. Use the numbered chapters as the master index and divide them into daily study units according to available time.*