IAS WITH DR RAVI
AIM. PREPARE. ACHIEVE

APPSC GROUP-I PRELIMINARY EXAMINATION

# Topics & Subtopics Master List

Built on the official syllabus (2018) · Flash Card Desk repository

| 2,954 | 47 | 572 | 563 |
|---|---|---|---|
| subtopics | syllabus units | AP-specific | current affairs |

**Paper I · General Studies**
History & Culture · Polity · Indian & AP Economy · Geography
**1,803 subtopics**

**Paper II · General Aptitude**
Mental Ability · Science & Technology · Current Events
**1,151 subtopics**

Current affairs from the institute's compilations, Nov 2025 – Sep 2026 · October 2026 edition

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Each unit shows its subtopic count. Tags in the list: AP Andhra Pradesh-specific · NEW current developments.


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APPSC GROUP-I PRELIMS

# Paper I

## General Studies

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# 🏛 Section A · History & Culture

## A1 Ancient India: Indus Valley to the Guptas

120 subtopics | 28 AP | 2 current

**Syllabus:** Indus Valley Civilization: Features, Sites, Society, Cultural History, Art and Religion. Vedic Age - Mahajanapadas, Religions - Jainism and Buddhism. The Magadhas, the Mauryans, Foreign invasions on India and their impact, the Kushans. The Satavahanas, the Sangam Age, the Sungas, the Gupta Empire - their Administration - Social, Religious and Economic conditions - Art, Architecture, Literature, Science and Technology.

### Prehistoric Background (Stone Age to Chalcolithic) — 6

1. Palaeolithic cultures of India: phases, tools and key sites
2. Mesolithic age: microliths, sites and earliest animal domestication
3. Neolithic revolution in India: agriculture and regional sites
4. Prehistoric and Neolithic sites of Andhra Pradesh AP
5. Chalcolithic cultures: Ahar, Kayatha, Malwa, Jorwe
6. Megalithic culture of South India and Andhra AP

### Indus Valley (Harappan) Civilization — 12

7. Discovery, extent and chronology of the Harappan Civilization
8. Major Harappan sites: rivers, excavators and key finds
9. Dholavira and Gujarat sites: UNESCO and water management
10. Rakhigarhi and recent Harappan research findings NEW
11. Town planning, drainage and architecture of Harappan cities
12. Harappan economy: agriculture, crafts and domestication
13. Harappan trade, weights, measures and Mesopotamian links
14. Harappan seals, script and writing
15. Harappan art: sculpture, terracotta, pottery and ornaments
16. Harappan society and religion
17. Decline of the Harappan Civilization: theories
18. Harappan site matching: firsts and unique finds

### Vedic Age — 9

19. Aryan question and Rigvedic geography (Sapta Sindhu)
20. Vedic literature: Samhitas, Brahmanas, Aranyakas, Upanishads
21. Vedangas, Upavedas, Sutras and Darshanas
22. Early Vedic polity: tribal assemblies and kingship
23. Early Vedic society, economy and religion
24. Later Vedic period: Painted Grey Ware and iron age
25. Later Vedic polity: territorial kingship and sacrifices
26. Later Vedic society: varna, gotra, ashrama and religion
27. Upanishadic philosophy: Brahman, Atman, karma and rebirth

### Mahajanapadas and the Rise of Magadha — 7

28. Sixteen Mahajanapadas: capitals and locations
29. Assaka Mahajanapada and the Andhra region in early texts AP
30. Gana-sanghas (republics): Vajji, Shakyas and Mallas
31. Second urbanisation: NBPW, coinage and towns
32. Haryanka dynasty: Bimbisara and Ajatashatru
33. Shishunaga and Nanda dynasties of Magadha
34. Factors behind Magadha's rise to supremacy

## Heterodox Religions: Jainism, Buddhism and Others — 12

35 Rise of heterodox sects in the 6th century BCE
36 Vardhamana Mahavira: life and teachings
37 Jain doctrines: triratna, pancha mahavrata, anekantavada
38 Jain councils, sects and canonical literature
39 Jain art, architecture and spread including Andhra
40 Gautama Buddha: life and key events
41 Buddhist doctrines: Four Noble Truths and Eightfold Path
42 Buddhist councils: venue, patron and president
43 Schools of Buddhism: Hinayana, Mahayana, Vajrayana
44 Buddhist literature and great scholars
45 Acharya Nagarjuna and Andhra's Buddhist philosophy AP
46 Comparison of Jainism and Buddhism; spread and decline

## Buddhist Sites of Andhra Pradesh — 8

47 Amaravati Mahachaitya: history, excavation and sculpture AP
48 Nagarjunakonda: Ikshvaku Vijayapuri and its relocation AP
49 Bhattiprolu stupa and the Bhattiprolu script AP
50 North Coastal Andhra sites: Salihundam, Sankaram, Thotlakonda, Bavikonda AP
51 Krishna-Guntur Buddhist sites: Ghantasala, Jaggayyapeta, Goli, Chandavaram AP
52 Godavari region Buddhist sites: Guntupalli, Adurru, Kodavali AP
53 Amaravati school of art: features and comparison AP
54 Buddhism in Andhra: patrons, sects and decline AP

## Mauryan Empire: Political History and Ashoka — 7

55 Sources of Mauryan history: literary, foreign and epigraphic
56 Chandragupta Maurya: conquests and Seleucus treaty
57 Bindusara and accession of Ashoka
58 Ashoka: Kalinga war and Dhamma policy
59 Ashokan inscriptions: types, languages and scripts
60 Ashokan edicts in Andhra Pradesh AP
61 Mauryan foreign relations and Ashoka's Hellenistic contacts

## Mauryan Administration, Economy and Art — 6

62 Mauryan administration: central and provincial
63 Megasthenes on Pataliputra and Mauryan society
64 Mauryan economy, revenue and espionage
65 Arthashastra: key concepts of Kautilyan statecraft
66 Mauryan art and architecture
67 Decline of the Mauryas

## Foreign Invasions and their Impact — 6

68 Persian (Achaemenid) invasion of north-west India
69 Alexander's invasion: Hydaspes and its impact
70 Indo-Greeks (Bactrian Greeks): Menander and coinage
71 Sakas (Scythians): satraps and Rudradaman
72 Parthians (Pahlavas) and Gondophares
73 Impact of foreign invasions on Indian culture

## Kushans — 5

74 Origin of the Kushans and early rulers
75 Kanishka: empire, era and patronage
76 Kushan administration, coins and Silk Route trade
77 Gandhara and Mathura schools of art
78 Science, medicine and literature in the Kushan age

## Sungas, Kanvas and Kharavela — 4

79 Sunga dynasty: Pushyamitra and Brahmanical revival
80 Sunga art: Bharhut, Sanchi and Besnagar
81 Kanva dynasty and its end by the Satavahanas
82 Kharavela of Kalinga and Hathigumpha inscription

### Satavahanas — 10

83 Sources and origin of the Satavahanas AP
84 Early Satavahana rulers: Simuka and Satakarni I AP
85 Gautamiputra Satakarni and Nasik prashasti AP
86 Later Satavahanas: Vasishthiputra Pulumavi to Yajnasri AP
87 Satavahana-Western Kshatrapa conflict over the Deccan AP
88 Satavahana capitals and important sites in Andhra and Telangana AP
89 Satavahana administration and land grants AP
90 Satavahana economy: trade, guilds, coinage and ports AP
91 Satavahana society, religion and literature AP
92 Satavahana art and architecture AP

### Ikshvakus and Post-Satavahana Dynasties of Andhra — 4

93 Ikshvakus of Vijayapuri: rulers and inscriptions AP
94 Ikshvaku society, religion and art at Nagarjunakonda AP
95 Brihatphalayanas, Anandagotrikas and Salankayanas AP
96 Vishnukundins: rulers and cave temples AP

### Sangam Age — 7

97 Sangam assemblies and chronology
98 Sangam literature: Tolkappiyam, Ettuthogai, Pattuppattu
99 Tirukkural and the Tamil epics
100 Chera, Chola and Pandya kingdoms: capitals and emblems
101 Sangam polity, society and economy
102 Tamil-Brahmi inscriptions and Sangam chieftains
103 Indo-Roman trade and Sangam ports

### Gupta Empire: Political History — 6

104 Sources of Gupta history and origin
105 Chandragupta I and Samudragupta's campaigns
106 Samudragupta's southern campaign and Andhra kings AP
107 Chandragupta II Vikramaditya: conquests and court
108 Kumaragupta, Skandagupta and decline of the Guptas
109 Gupta inscriptions: matching king, place and content

### Gupta Age: Administration, Society, Culture and Science — 11

110 Gupta administration: central, provincial and local
111 Gupta economy: land grants, revenue and coinage
112 Gupta society: varna, women and Fa-Hien's account
113 Gupta religion: Puranic Hinduism and Bhakti
114 Gupta temple architecture: early Nagara temples
115 Gupta and Vakataka art: Ajanta, sculpture and metal
116 Gupta literature: Kalidasa and classical Sanskrit
117 Gupta science: mathematics, astronomy and medicine
118 Nalanda and education in the Gupta period NEW
119 Was the Gupta period a 'Golden Age'? Debate
120 Vakatakas: Deccan contemporaries of the Guptas

## A2 Kanauj and South Indian Dynasties

90 subtopics · 31 AP · 2 current

**Syllabus:** The Kanauj and their Contributions, South Indian Dynasties - The Badami Chalukyas, the Eastern Chalukyas, the Rashtrakutas, the Kalyani Chalukyas, the Cholas, the Hoysalas, the Yadavas, the Kakatiyas and the Reddis.

### Pushyabhutis of Thanesar and Kanauj (Harshavardhana) — 9

1 Pushyabhuti origins: Prabhakaravardhana, Rajyavardhana and the Maukhari link
2 Harsha's capital shift to Kanauj and the rise of Kanauj
3 Harsha's conquests, alliances and defeat by Pulakesin II
4 Administration and economy under Harsha
5 Hiuen Tsang (Xuanzang) and his account of Harsha's India
6 Religion under Harsha: Kanauj and Prayag assemblies
7 Literature at Harsha's court: Harsha and Banabhatta
8 Nalanda Mahavihara in the Harsha era
9 Inscriptions and seals of Harsha

### Tripartite Struggle for Kanauj and the Rajput States — 8

10 Kanauj after Harsha: Yashovarman and the Ayudhas
11 Tripartite struggle: causes, contenders and phases
12 Gurjara-Pratiharas: Nagabhata I to Mihira Bhoja
13 Palas of Bengal: Gopala, Dharmapala, Devapala
14 Rashtrakuta northern campaigns in the tripartite struggle
15 Arab conquest of Sindh (712 CE)
16 Emergence of Rajput dynasties after the Pratiharas
17 Kashmir and literature of the period: Kalhana's Rajatarangini

### Pallavas of Kanchi (Brief) — 5

18 Early Pallavas: Andhra origins and Prakrit charters AP
19 Simhavishnu and Mahendravarman I: rock-cut beginnings
20 Narasimhavarman I Mamalla and Mamallapuram
21 Narasimhavarman II Rajasimha and structural temples
22 Pallava culture: Ghatika, literature and Bhakti saints

### Chalukyas of Badami (Vatapi) — 6

23 Foundation of Badami Chalukyas: Pulakesin I and Kirtivarman I
24 Pulakesin II and the Aihole inscription
25 Later Badami Chalukyas: Vikramaditya I and II, fall to Rashtrakutas
26 Chalukyan architecture: Aihole, Badami, Pattadakal
27 Alampur Navabrahma temples and Badami Chalukyas in Andhra region AP
28 Badami Chalukya administration, religion and literature

### Eastern Chalukyas of Vengi — 8

29 Kubja Vishnuvardhana and foundation of Vengi kingdom (624 CE) AP
30 Vijayaditya III (Gunaga) and Eastern Chalukya-Rashtrakuta wars AP
31 Chola-Chalukya matrimonial alliance and Kulottunga I AP
32 Rajaraja Narendra and Nannaya's Andhra Mahabharatamu AP
33 Earliest Telugu inscriptions and evolution of Telugu script AP
34 Telugu Cholas of Renadu, Pottapi and Nellore AP
35 Eastern Chalukya temples and the Pancharamas AP
36 Eastern Chalukya administration, society and religion AP

### Rashtrakutas of Manyakheta — 8

37 Dantidurga and Krishna I: foundation and Kailasa temple
38 Dhruva and Govinda III: Rashtrakuta expansion
39 Amoghavarsha I: Manyakheta, Jainism and Kavirajamarga
40 Indra III and Krishna III: Takkolam and southern campaigns
41 Rashtrakuta administration, economy and Arab accounts
42 Rashtrakuta literature: Kannada ratnatraya and Sanskrit
43 Rashtrakuta art: Ellora, Elephanta and Pattadakal Jain temple
44 Vemulavada Chalukyas: Rashtrakuta feudatories in Telangana AP

### Chalukyas of Kalyani (Western Chalukyas) — 7

45 Taila II and the founding of the Kalyani Chalukyas (973 CE)
46 Chola-Kalyani Chalukya conflict over Vengi and Raichur doab
47 Vikramaditya VI: Chalukya-Vikrama Era, Bilhana and Vijnaneshvara
48 Someshvara III and the Manasollasa
49 Kalyani Chalukya architecture: Lakkundi, Gadag, Itagi
50 Kalachuris, Basavanna and the Virashaiva movement
51 Decline of Kalyani Chalukyas and rise of feudatories

## Imperial Cholas — 9

52 Revival of the Cholas: Vijayalaya, Aditya I and Parantaka I
53 Uttaramerur inscriptions and Chola village self-government
54 Rajaraja I: conquests and the Brihadeeswara temple
55 Rajendra I: Gangetic campaign and Srivijaya naval expedition
56 Later Cholas: Kulottunga I to Rajendra III
57 Chola administration: mandalams, nadus and revenue
58 Chola economy and merchant guilds
59 Great Living Chola Temples and Chola bronzes
60 Chola-age literature and religion

## Hoysalas of Dwarasamudra — 5

61 Origin of Hoysalas and Vishnuvardhana
62 Veera Ballala II to Veera Ballala III and fall of Hoysalas
63 Hoysala temple architecture: Belur, Halebidu, Somanathapura
64 Sacred Ensembles of the Hoysalas: UNESCO 2023 NEW
65 Hoysala literature and religion

## Yadavas (Seunas) of Devagiri — 3

66 Bhillama V and Singhana II: rise of the Yadavas
67 Ramachandra, Alauddin Khalji and fall of Devagiri
68 Yadava culture: Hemadri, Jnaneshwar and Hemadpanti style

## Kakatiyas of Orugallu (Warangal) — 11

69 Origins of Kakatiyas: early chiefs as feudatories AP
70 Rudradeva (Prataparudra I): Kakatiya independence AP
71 Ganapatideva: expansion and Motupalli abhaya inscription AP
72 Rudramadevi: reign, Marco Polo and Chandupatla inscription AP
73 Prataparudra II and Khalji-Tughlaq invasions of Warangal AP
74 Kakatiya administration: Nayankara and Ayagar systems AP
75 Kakatiya economy: tanks, trade and crafts AP
76 Kakatiya architecture: Ramappa, Thousand Pillar, Warangal Fort AP
77 Telugu literature under the Kakatiyas AP
78 Religion and performing arts in Kakatiya times AP
79 Musunuri Nayakas: post-Kakatiya liberation of Andhra AP

## Reddi Kingdoms and the Velamas — 7

80 Prolaya Vema Reddy and foundation of the Reddi kingdom AP
81 Anavema, Kumaragiri and the Kondavidu Reddis AP
82 Pedakomati Vema Reddy and Srinatha AP
83 Errana and completion of the Andhra Mahabharatam AP
84 Rajahmundry Reddis and the end of Reddi rule AP
85 Recherla Velamas of Rachakonda and Devarakonda AP
86 Reddi-era administration, economy and religion AP

## Telugu Language, Literature and Heritage (Cross-Dynasty) — 4

87 Classical language status of Telugu and recent additions NEW
88 Kavitraya and evolution of Telugu literary forms AP
89 Temple architecture styles in medieval Andhra AP
90 Matching pairs: dynasties, capitals, founders and emblems

A3

# Delhi Sultanate, Vijayanagara, Mughals, Bhakti & Sufism

101 subtopics · 22 AP · 1 current

**Syllabus:** The Delhi Sultanate, the Vijayanagar Empire and the Mughal Empire, the Bhakti Movement and Sufism - Administration, Economy, Society, Religion, Literature, Arts and Architecture.

## Turkish Invasions and Foundation of the Sultanate — 2

1. Mahmud of Ghazni's raids and Alberuni
2. Muhammad Ghori: Tarain, Chandawar and Bakhtiyar Khalji

## Delhi Sultanate: Mamluk (Slave) Dynasty — 4

3. Qutbuddin Aibak: founder of the Delhi Sultanate
4. Iltutmish: consolidation, iqta and coinage
5. Razia Sultan and the struggle with the Forty
6. Balban: theory of kingship and 'blood and iron'

## Delhi Sultanate: Khaljis — 5

7. Khalji revolution and Jalaluddin Khalji
8. Alauddin Khalji's market control reforms
9. Alauddin Khalji's revenue and military reforms
10. Alauddin's conquests: Mongols, Rajputana and Deccan
11. Khalji-era architecture and Amir Khusrau

## Delhi Sultanate: Tughlaqs — 4

12. Ghiyasuddin Tughlaq: Tughlaqabad and Warangal
13. Muhammad bin Tughlaq: capital transfer and token currency
14. Firoz Shah Tughlaq: welfare, canals and orthodoxy
15. Timur's invasion (1398) and decline of the Tughlaqs

## Delhi Sultanate: Sayyids and Lodis — 2

16. Sayyid dynasty (1414-1451)
17. Lodi dynasty: Bahlul, Sikandar and Ibrahim Lodi

## Delhi Sultanate: Administration, Economy, Society and Culture — 7

18. Sultanate central administration
19. Iqta system and provincial administration
20. Sultanate taxation and agrarian economy
21. Technology, trade and urbanisation under the Sultanate
22. Society, slavery and women in the Sultanate
23. Sultanate literature and historical sources
24. Indo-Islamic architecture of the Sultanate

## Vijayanagara Empire: Political History — 7

25. Foundation of Vijayanagara: Harihara I and Bukka I (1336)
26. Sangama rulers: Harihara II, Devaraya I and Devaraya II
27. Saluva Narasimha and the Tuluva usurpation
28. Krishnadevaraya's military campaigns AP
29. Krishnadevaraya as administrator and builder AP
30. Achyutaraya, Rama Raya and the Battle of Talikota (1565)
31. Aravidu dynasty: Penukonda and Chandragiri AP

## Vijayanagara: Administration, Economy and Society — 6

32. Vijayanagara central and provincial administration
33. Amaranayaka system and Ayagar system
34. Vijayanagara economy, revenue and coinage
35. Vijayanagara society and status of women
36. Foreign travellers to Vijayanagara
37. Religion under Vijayanagara

### Vijayanagara: Literature — 5

38 Krishnadevaraya's literary works and court AP
39 Ashtadiggajas: Allasani Peddana and Nandi Thimmana AP
40 Ashtadiggajas: Dhurjati, Mallana, Ramabhadrudu and Surana AP
41 Ashtadiggajas: Bhattumurthy and Tenali Ramakrishna AP
42 Sanskrit, Kannada and Tamil literature under Vijayanagara

### Vijayanagara: Art and Architecture — 3

43 Hampi monuments and Vijayanagara style
44 Lepakshi and Vijayanagara monuments in Andhra AP
45 Vijayanagara painting, music and dance

### Bahmani Kingdom and the Deccan Sultanates — 5

46 Foundation of the Bahmani kingdom (1347)
47 Mahmud Gawan and Bahmani administration
48 Bahmani-Vijayanagara conflict over the Raichur Doab
49 Five Deccan Sultanates after the Bahmanis
50 Bahmani and Deccani art, architecture and culture

### Qutb Shahis of Golconda — 6

51 Sultan Quli and the foundation of Golconda kingdom AP
52 Ibrahim Qutb Shah: 'Malki Bharama' and Telugu patronage AP
53 Muhammad Quli Qutb Shah and founding of Hyderabad AP
54 Abdullah, Tana Shah and the Mughal conquest of Golconda AP
55 Qutb Shahi economy: diamonds, Masulipatnam and European factories AP
56 Qutb Shahi architecture: Golconda Fort and Qutb Shahi tombs AP

### Mughal Empire: Babur, Humayun and Sur Interlude — 3

57 Babur: Panipat, Khanwa, Chanderi and Ghaghra
58 Humayun: Chausa, Kannauj and restoration
59 Sher Shah Suri: administration and reforms

### Mughal Empire: Akbar to Aurangzeb — 8

60 Akbar's accession, Bairam Khan and early conquests
61 Akbar's Rajput policy and religious policy
62 Akbar's court: Navaratnas and Fatehpur Sikri
63 Jahangir: Nur Jahan, justice and Europeans
64 Shah Jahan: architecture and war of succession
65 Aurangzeb: religious policy and Deccan wars
66 Shivaji and Mughal-Maratha relations (brief) NEW
67 Later Mughals and decline (brief)

### Mughal Administration — 4

68 Mughal central administration
69 Mansabdari and jagirdari systems
70 Mughal land revenue: Zabti and Todar Mal's Dahsala
71 Mughal provincial and local administration

### Mughal Economy and Society — 4

72 Mughal agrarian society and zamindars
73 Mughal trade, crafts and European companies
74 European travellers to Mughal India
75 Mughal society, nobility and women

### Mughal Literature, Arts and Architecture — 5

76 Mughal literature and historical sources
77 Hindi and regional literature in the Mughal age
78 Mughal painting
79 Mughal architecture: Humayun's Tomb to Taj Mahal
80 Music under the Mughals

### Bhakti Movement: Origins and Philosophers

3

81 Alvars and Nayanars: Tamil roots of Bhakti
82 Vedanta acharyas: Shankara, Ramanuja, Madhva, Nimbarka, Vallabha
83 Ramananda and the North Indian Bhakti transition

### Bhakti Movement: Saints Across India

6

84 Kabir: nirguna bhakti
85 Guru Nanak and the early Sikh Gurus
86 Bhakti in Bengal, Odisha and Assam: Chaitanya and Shankaradeva
87 Bhakti in Maharashtra: Varkari saints
88 Krishna and Rama bhakti in North India: Mira, Surdas, Tulsidas
89 Haridasa movement and Bhakti in Karnataka and Kashmir

### Telugu Bhakti Poets and Composers

7

90 Bammera Potana and the Andhra Maha Bhagavatamu AP
91 Tallapaka Annamacharya: Pada Kavita Pitamaha AP
92 Yogi Vemana and the Vemana Satakam AP
93 Kshetrayya and Muvva Gopala padams AP
94 Bhakta Ramadasu (Kancherla Gopanna) and Bhadrachalam AP
95 Tyagaraja and the Carnatic Trinity AP
96 Other Telugu saint-poets: Vengamamba, Veerabrahmendra, Siddhendra AP

### Sufism

5

97 Sufism: concepts, practices and terminology
98 Chishti silsila in India
99 Suhrawardi, Firdausi, Qadiri and Naqshbandi orders
100 Sufism in the Deccan and Andhra region AP
101 Sufi-Bhakti interaction and significance

## A4 European Companies, Governor-Generals & Viceroys

85 subtopics · 15 AP

**Syllabus:** The European Trading companies in India - their struggle for supremacy - with special reference to Bengal, Bombay, Madras, Mysore, Andhra and Nizam, Governor-Generals and Viceroys.

### The Portuguese in India

5

1 Vasco da Gama and the opening of the Cape route
2 Francisco de Almeida and the Blue Water Policy
3 Afonso de Albuquerque and the capture of Goa
4 Portuguese settlements and contributions
5 Decline of the Portuguese in India

### The Dutch, Danes and French

5

6 Dutch East India Company (VOC) in India
7 Dutch settlements on the Andhra coast AP
8 Decline of the Dutch: Colachel and Bedara
9 Danes in India: Tranquebar and Serampore
10 French East India Company and settlements

### The English East India Company

6

11 Charter of 1600 and early English voyages
12 English on the Andhra coast: Masulipatnam and Golden Farman AP
13 Founding of Madras and Fort St George
14 Bombay: dowry, lease and Presidency
15 Bengal: Hooghly, Calcutta and Fort William
16 Farrukhsiyar's Farman 1717: Magna Carta of the Company

### Anglo-French Struggle: Carnatic Wars and Andhra

7

17 First Carnatic War (1746-48)
18 Second Carnatic War (1749-54)
19 Third Carnatic War (1756-63) and Wandiwash
20 Bussy at Hyderabad and the Northern Circars grant AP
21 Battle of Bobbili 1757 AP
22 Battle of Chandurthi and English capture of Masulipatnam AP
23 Causes of English success over the French

### Conquest of Bengal — 5

24 Siraj-ud-Daulah and the Black Hole incident
25 Battle of Plassey 1757
26 Mir Jafar and Mir Qasim as Nawabs
27 Battle of Buxar 1764
28 Treaty of Allahabad 1765 and Dual Government

### Anglo-Mysore Wars — 7

29 Rise of Hyder Ali in Mysore
30 First Anglo-Mysore War (1767-69)
31 Second Anglo-Mysore War (1780-84)
32 Third Anglo-Mysore War (1790-92)
33 Fourth Anglo-Mysore War 1799 and fall of Tipu
34 Tipu Sultan: administration and innovations
35 Mysore after 1799: Commission rule and rendition

### Anglo-Maratha Wars and Bombay — 4

36 First Anglo-Maratha War (1775-82)
37 Second Anglo-Maratha War (1803-05)
38 Third Anglo-Maratha War (1817-19) and Pindaris
39 Anglo-Nepal War and Treaty of Sugauli

### Company and the Nizam: Andhra under British Rule — 10

40 Founding of the Asaf Jahi dynasty of Hyderabad AP
41 Acquisition of the Northern Circars (1765-68) AP
42 Guntur Circar transfer 1788 AP
43 Subsidiary Alliance with the Nizam 1798 AP
44 Treaty of 1800 and the Ceded Districts AP
45 Vizianagaram resistance and Battle of Padmanabham 1794 AP
46 British revenue administration in Andhra districts AP
47 Annexation of Kurnool (1839) AP
48 Hyderabad Contingent, Berar and Salar Jung I AP
49 Evolution of the Madras Presidency AP

### Governor-Generals of Bengal and Company Acts — 10

50 Regulating Act 1773, Amending Act 1781 and Pitt's India Act 1784
51 Charter Acts 1793, 1813, 1833 and 1853
52 Warren Hastings (1772-85)
53 Lord Cornwallis (1786-93)
54 Sir John Shore (1793-98)
55 Lord Wellesley (1798-1805) and the Subsidiary Alliance
56 Sir George Barlow and Lord Minto I
57 Lord Hastings (Moira) (1813-23)
58 Lord Amherst (1823-28) and First Anglo-Burmese War
59 Lord William Bentinck (1828-35)

### Governor-Generals of India (1835-1858) — 8

60 Sir Charles Metcalfe (1835-36)
61 Lord Auckland (1836-42) and First Anglo-Afghan War
62 Lord Ellenborough (1842-44)
63 Ranjit Singh and the Anglo-Sikh Wars
64 Lord Dalhousie: Doctrine of Lapse and annexations
65 Lord Dalhousie: modernising reforms
66 Lord Canning as Governor-General (1856-58)
67 Anglo-Afghan and Anglo-Burmese wars at a glance

### Viceroys (1858-1905) — 9

68 Lord Canning as first Viceroy (1858-62)
69 Lord Elgin I and Sir John Lawrence
70 Lord Mayo (1869-72)
71 Lord Northbrook and Lord Lytton (1872-80)
72 Lord Ripon (1880-84)
73 Lord Dufferin (1884-88)
74 Lord Lansdowne and Lord Elgin II (1888-99)
75 Lord Curzon: administrative reforms (1899-1905)
76 Lord Curzon: Partition of Bengal and frontier policy

### Viceroys (1905-1950) — 9

77 Lord Minto II (1905-10)
78 Lord Hardinge II (1910-16)
79 Lord Chelmsford (1916-21)
80 Lord Reading (1921-26)
81 Lord Irwin (1926-31)
82 Lord Willingdon (1931-36)
83 Lord Linlithgow (1936-43)
84 Lord Wavell (1943-47)
85 Lord Mountbatten and C. Rajagopalachari

## A5 1857, Reform Movements & Freedom Struggle

106 subtopics · 32 AP

**Syllabus:** 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.

### Revolt of 1857: Origin and Causes — 6

1 Early sepoy mutinies before 1857
2 Political causes of the Revolt of 1857
3 Economic causes of 1857
4 Socio-religious causes of 1857
5 Military causes and the greased cartridges
6 Mangal Pandey and the outbreak at Meerut

### Revolt of 1857: Course, Leaders and Suppression — 7

7 Delhi in 1857: Bahadur Shah Zafar and Bakht Khan
8 Kanpur: Nana Saheb and Tantia Tope
9 Lucknow and Awadh: Begum Hazrat Mahal
10 Jhansi and Gwalior: Rani Lakshmibai
11 Bihar, Rohilkhand and other centres
12 British commanders and suppression of 1857
13 Regions that stayed aloof and causes of failure

### Revolt of 1857: Nature, Consequences and Significance — 5

14 Nature of 1857: historians' views
15 Government of India Act 1858
16 Queen Victoria's Proclamation 1858
17 Army reorganisation after 1857: Peel Commission
18 Long-term consequences and significance of 1857

### 1857 and Early Resistance in Andhra and Hyderabad — 5

19 Uyyalawada Narasimha Reddy's revolt (1846-47) AP
20 Attack on the British Residency at Hyderabad 1857 AP
21 Nizam's loyalty in 1857 and its rewards AP
22 1857 echoes in Andhra districts AP
23 Rampa Rebellion of 1879-80 AP

### Socio-Religious Reform: Bengal Renaissance and Brahmo Samaj — 6

24 Raja Ram Mohan Roy and the Atmiya Sabha
25 Brahmo Samaj: founding and Debendranath Tagore
26 Keshab Chandra Sen and splits in Brahmo Samaj
27 Young Bengal Movement: Henry Vivian Derozio
28 Ishwar Chandra Vidyasagar
29 Ramakrishna Paramahamsa and Swami Vivekananda

### Socio-Religious Reform in Western, Northern and Southern India — 12

30 Prarthana Samaj and M.G. Ranade
31 Arya Samaj and Swami Dayanand Saraswati
32 Theosophical Society and Annie Besant
33 Jyotiba Phule and the Satyashodhak Samaj
34 Women reformers: Pandita Ramabai, Karve, Tarabai Shinde
35 Sree Narayana Guru and SNDP Yogam
36 Caste movements in South India: Vaikom, Ayyankali, Periyar
37 Muslim reform: Aligarh Movement and Syed Ahmad Khan
38 Deoband, Ahmadiyya, Wahabi and Faraizi movements
39 Sikh and Parsi reform movements
40 Social reform legislation in 19th-20th century
41 Other reform bodies: Veda Samaj, Radhasoami, Dev Samaj

## Reform Movements in Andhra and Hyderabad — 11

42 Kandukuri Veeresalingam: life and works AP
43 Veeresalingam's social reforms AP
44 Gurajada Apparao and Kanyasulkam AP
45 Raghupati Venkataratnam Naidu and Brahmo Samaj in Andhra AP
46 Gidugu Ramamurthy and the spoken Telugu movement AP
47 Komarraju Lakshmana Rao and Telugu cultural institutions AP
48 Library movement and early Telugu journalism AP
49 Women's reform and writers in Andhra AP
50 Adi-Andhra and Dalit movements AP
51 Reform and cultural awakening in Hyderabad State AP
52 Andhra Mahasabha in Nizam's Hyderabad AP

## Freedom Movement: Moderate Phase — 10

53 Pre-Congress political associations
54 Founding of the Indian National Congress 1885
55 Important Congress sessions and presidents
56 Moderates and the economic critique of British rule
57 Rise of Extremists: Lal-Bal-Pal and Aurobindo
58 Partition of Bengal and Swadeshi Movement 1905
59 Muslim League and Morley-Minto Reforms 1909
60 Surat Split 1907 and the 1911 annulment
61 Home Rule Leagues 1916
62 Lucknow Pact 1916

## Freedom Movement: Constitutional Milestones 1919-1947 — 11

63 Government of India Act 1919 (Montagu-Chelmsford)
64 Swaraj Party and the No-changers
65 Simon Commission and Nehru Report
66 Round Table Conferences 1930-32
67 Government of India Act 1935
68 Provincial elections 1937 and Congress ministries
69 Pakistan demand and the Lahore Resolution 1940
70 August Offer 1940 and Cripps Mission 1942
71 Wavell Plan, Shimla Conference and RIN Mutiny
72 Cabinet Mission Plan 1946
73 Mountbatten Plan and Indian Independence Act 1947

## Freedom Movement in Andhra — 16

74 Andhra in early Congress AP
75 Vandemataram Movement in Andhra 1905-08 AP
76 Andhra Movement: Andhra Mahasabha 1913 AP
77 Sri Bagh Pact 1937 AP
78 Home Rule and Non-Cooperation in Andhra AP
79 Pingali Venkayya and the national flag AP
80 Chirala-Perala Movement 1919-21 AP
81 Pedanandipadu No-Tax Campaign 1921-22 AP
82 Palnad Forest Satyagraha 1921-22 AP
83 Alluri Sitarama Raju and the Rampa Rebellion 1922-24 AP
84 Tanguturi Prakasam: Andhra Kesari AP
85 Civil Disobedience in Andhra AP
86 Peasant movement in Andhra: N.G. Ranga AP
87 Quit India Movement in Andhra 1942 AP
88 Telangana Armed Struggle 1946-51 AP
89 Hyderabad State Congress and freedom struggle AP

## Peasant, Tribal and Labour Movements — 4

90 Indigo, Pabna and Deccan peasant revolts
91 Tribal revolts: Santhal, Munda and others
92 Peasant movements in the Gandhian era
93 Labour movement and the Left

## Revolutionaries in India — 7

94 Chapekar brothers and Maharashtra revolutionaries
95 Anushilan Samiti, Jugantar and Alipore case
96 Delhi Conspiracy 1912 and South Indian revolutionaries
97 Hindustan Republican Association and Kakori
98 HSRA and Bhagat Singh
99 Chittagong Armoury Raid and women revolutionaries
100 Philosophy and decline of revolutionary terrorism

## Revolutionaries Abroad — 6

101 India House London and Shyamji Krishna Varma
102 Madam Bhikaji Cama and European centres
103 Ghadar Party 1913
104 Komagata Maru incident 1914
105 Berlin Committee and Provisional Government at Kabul
106 M.N. Roy and international communist links

# A6 Gandhi, Patel, Bose, Ambedkar & Reorganisation of States

76 subtopics | 12 AP | 3 current

**Syllabus:** Mahatma Gandhi, his thoughts, Principles and Philosophy. Important Satyagrahas, the Role of Sardar Patel, Subhas Chandra Bose in Freedom Movement and Post independence consolidation. Dr. B.R. Ambedkar, his life and contribution to making of Indian Constitution, India after Independence - Reorganization of the States in India.

## Gandhi: Early Life and South Africa (4)

1. Early life, education and family of M.K. Gandhi
2. Gandhi in South Africa: events, institutions and journals
3. South African Satyagrahas: Asiatic Registration Act to Indian Relief Act 1914
4. Gandhi's return 1915, ashrams and entry into Indian politics

## Gandhian Thought and Philosophy (7)

5. Satya and Ahimsa in Gandhi's philosophy
6. Satyagraha: technique, forms and rules
7. Swaraj, Swadeshi and Hind Swaraj
8. Sarvodaya, Antyodaya, Trusteeship and Bhoodan
9. Constructive Programme, khadi and Nai Talim (basic education)
10. Influences on Gandhi and his writings and journals
11. Gandhi on caste, untouchability, women and communal harmony

## Early Satyagrahas and Mass Movements 1917-1928 (7)

12. Champaran Satyagraha 1917
13. Ahmedabad Mill Strike 1918
14. Kheda 1918 and Bardoli 1928 Satyagrahas
15. Rowlatt Satyagraha and Jallianwala Bagh 1919
16. Khilafat Movement 1919-24
17. Non-Cooperation Movement 1920-22 and Chauri Chaura
18. Other Gandhian satyagrahas: Vaikom, Nagpur Flag, Borsad

## From Civil Disobedience to Quit India 1929-1948 (6)

19. Civil Disobedience Movement and Dandi March 1930
20. Gandhi-Irwin Pact, Karachi Session and Round Table Conferences
21. Communal Award and Poona Pact 1932
22. Individual Satyagraha 1940 and Cripps Mission 1942
23. Quit India Movement 1942
24. Gandhi's last years: Noakhali, Partition and assassination

## Gandhi and Andhra (2)

25. Gandhian movements in Andhra: Bezwada 1921, Chirala-Perala, Palnadu, Salt Satyagraha AP
26. Pingali Venkayya and the design of the national flag AP

## Sardar Vallabhbhai Patel (2)

27. Life, Congress career and Constituent Assembly role of Vallabhbhai Patel
28. Patel as architect of All India Services and his legacy

## Post-Independence Consolidation: Integration of States and Territories (5)

29. Princely states integration: process, instruments and key people
30. Junagadh and Jammu & Kashmir accession
31. Hyderabad's integration: Razakars and Operation Polo 1948 AP
32. Mergers and Unions: Group A-B-C, Rajasthan, PEPSU, privy purses
33. French and Portuguese territories: Pondicherry, Yanam, Goa, Dadra and Nagar Haveli

### Subhas Chandra Bose in the Freedom Movement — 6

34 Early life, ICS and early Congress career of Subhas Chandra Bose
35 Bose and the Congress: Haripura, Tripuri and Forward Bloc
36 Bose in Germany and Japan: Free India Centre and Indian Legion
37 Indian National Army: first INA, Azad Hind Government and regiments
38 INA campaigns, Red Fort trials and RIN Mutiny
39 Death of Bose, inquiry committees, commemoration and writings

### Dr B.R. Ambedkar: Life, Struggle and Ideas — 7

40 Early life, education and entry into public life of Dr B.R. Ambedkar
41 Ambedkar's journalism and organisations
42 Mahad and temple-entry satyagrahas led by Ambedkar
43 Ambedkar at Round Table Conferences, Poona Pact and Viceroy's Council
44 Ambedkar's major writings
45 Ambedkar's contribution to economic, labour and water policy
46 Conversion to Buddhism, death and memorials of Ambedkar

### Ambedkar and the Making of the Indian Constitution — 7

47 Constituent Assembly: formation, members and officials
48 Committees of the Constituent Assembly and chairs
49 Drafting Committee: members, timeline and Ambedkar's role
50 Ambedkar's constitutional ideas: Art 17, Art 32, Union of States, Constitutional morality
51 Hindu Code Bill and Ambedkar's resignation 1951
52 Adoption, signing and commencement of the Constitution
53 Constitution Day, Samvidhan Hatya Diwas and 75 years of the Constitution NEW

### India After Independence — 6

54 Independence, Partition and rehabilitation
55 First general elections 1951-52 and party system
56 Nehru era: planning, industrial policy, foreign policy
57 Language policy: Arts 343-351, Official Languages Act and classical languages NEW
58 Wars and military milestones 1947-1999
59 Emergency, Janata government, Mandal and 1991 reforms

### Reorganisation of States in India — 7

60 Constitutional provisions for states: Arts 1-4 and Part A-D classification 1950
61 Dhar Commission and JVP Committee
62 States Reorganisation Commission 1953-55 (Fazl Ali Commission)
63 States Reorganisation Act 1956 and the Seventh Amendment
64 Linguistic movements: Samyukta Maharashtra, Mahagujarat, Punjabi Suba
65 State formation 1960-1987: Nagaland to Goa
66 State formation 2000-2020: Chhattisgarh to Ladakh

### Andhra Statehood, Vishalandhra and Telangana — 10

67 Andhra movement before 1953 and Potti Sriramulu's life AP
68 Potti Sriramulu's fast unto death and aftermath 1952 AP
69 Wanchoo Committee and formation of Andhra State 1 Oct 1953 AP
70 Fazl Ali SRC on Andhra and Telangana AP
71 Hyderabad State 1948-56 and the Telangana Armed Struggle AP
72 Gentlemen's Agreement 1956 AP
73 Formation of Andhra Pradesh 1 Nov 1956 AP
74 Safeguards and agitations: Jai Telangana 1969, Six-Point Formula, Presidential Order 1975 AP
75 Telangana movement and the AP Reorganisation Act 2014 AP
76 Post-bifurcation Andhra Pradesh: Amaravati, districts and state symbols NEW

# ⚖ Section B · Constitution, Polity, Social Justice and International Relations

## B1 Constitution: Evolution, Rights, DPSP, Amendments

104 subtopics | 4 AP | 6 current

**Syllabus:** Indian Constitution: Evolution, features, Preamble, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy, Amendments, Significant Provisions and Basic Structure.

### Historical Evolution: Company Rule (1773-1858) — 4

1. Regulating Act 1773: first step to regulate East India Company
2. Pitt's India Act 1784 and Amending Act 1786
3. Charter Acts of 1793, 1813 and 1833
4. Charter Act 1853: separation of legislative and executive

### Historical Evolution: Crown Rule (1858-1947) — 8

5. Government of India Act 1858 (Act for Better Government of India)
6. Indian Councils Acts of 1861 and 1892
7. Indian Councils Act 1909 (Morley-Minto Reforms)
8. Government of India Act 1919 (Montagu-Chelmsford Reforms)
9. Simon Commission, Nehru Report and Round Table Conferences
10. Government of India Act 1935: blueprint of the Constitution
11. Cripps Mission, Cabinet Mission and Mountbatten Plan
12. Indian Independence Act 1947

### Making of the Constitution — 7

13. Demand and composition of the Constituent Assembly
14. Working of the Constituent Assembly: sessions and leaders
15. Objectives Resolution 13 December 1946
16. Major committees of the Constituent Assembly and chairmen
17. Enactment, enforcement and other functions of the Assembly
18. Criticism of the Constituent Assembly
19. Sources of the Indian Constitution (borrowed features)

### Salient Features and Structure of the Constitution — 8

20. Salient features: lengthiest written constitution and blend of rigidity-flexibility
21. Salient features: integrated judiciary, secularism, single citizenship, franchise
22. Parts of the Constitution and their subject matter
23. Twelve Schedules of the Constitution
24. Federal and unitary features of the Indian Constitution
25. Parliamentary system: features and comparison with presidential
26. Secularism in the Indian Constitution
27. Rule of law, separation of powers and judicial review

### Preamble — 4

28. Text and components of the Preamble
29. Key words of the Preamble explained
30. 42nd Amendment and the Preamble
31. Preamble as part of the Constitution: Berubari to LIC case

### Union, its Territory and Reorganisation of States — 5

32. Articles 1 to 4: Union of States and creation of new states
33. Linguistic reorganisation: Dhar Commission, JVP Committee and SRC
34. Formation of Andhra State 1953 and Andhra Pradesh 1956 AP
35. Andhra Pradesh Reorganisation Act 2014 AP
36. Later new states and UTs formed after 1956

## Citizenship — 4

37 Constitutional provisions on citizenship: Articles 5 to 11
38 Citizenship Act 1955: acquisition and loss
39 Overseas Citizenship of India and PIO merger
40 Citizenship (Amendment) Act 2019 and Rules 2024 NEW

## Fundamental Rights: General and Right to Equality — 9

41 Features of Fundamental Rights; Articles 12 and 13
42 Article 14: equality before law and equal protection
43 Article 15: prohibition of discrimination and enabling clauses
44 Article 16: equality of opportunity in public employment
45 Indra Sawhney case 1992 and reservation jurisprudence
46 Articles 17 and 18: abolition of untouchability and titles
47 Doctrines of severability, eclipse, waiver and colourable legislation
48 Saving clauses: Articles 31A, 31B, 31C and Ninth Schedule
49 SC sub-classification in Andhra Pradesh after Davinder Singh verdict AP

## Fundamental Rights: Right to Freedom (Articles 19-22) — 8

50 Article 19: six freedoms and reasonable restrictions
51 Article 20: protection in respect of conviction for offences
52 Article 21: life and personal liberty and its expansion
53 Right to privacy: K.S. Puttaswamy judgment 2017
54 Article 21A: Right to Education and RTE Act 2009
55 Article 22: protection against arrest and preventive detention
56 Freedom of press, internet and speech: key cases
57 Death penalty and Article 21 jurisprudence

## Fundamental Rights: Exploitation, Religion, Culture, Remedies — 7

58 Articles 23 and 24: right against exploitation
59 Articles 25 to 28: freedom of religion
60 Articles 29 and 30: cultural and educational rights of minorities
61 Article 32 and the five writs
62 Articles 33 to 35 and suspension of FRs
63 Article 300A: right to property as constitutional right
64 Public Interest Litigation and judicial activism

## Directive Principles of State Policy — 7

65 Features and nature of DPSP (Articles 36-51)
66 Socialistic principles in DPSP
67 Gandhian and liberal-intellectual principles in DPSP
68 New DPSPs added by amendments
69 Conflict between FRs and DPSP: Champakam to Minerva Mills
70 Implementation of DPSP: laws and directives outside Part IV
71 Uniform Civil Code: Article 44 and state initiatives NEW

## Fundamental Duties — 2

72 Article 51A: list of eleven Fundamental Duties
73 Committees and enforcement of Fundamental Duties

## Amendment of the Constitution — 2

74 Article 368: procedure for amendment
75 Three types of amendments: simple, special, special plus ratification

### Important Constitutional Amendments

16

76 First Amendment 1951
77 Seventh Amendment 1956 and other early amendments
78 24th, 25th and 26th Amendments 1971
79 42nd Amendment 1976: 'Mini Constitution'
80 44th Amendment 1978: undoing the Emergency excesses
81 Anti-defection amendments: 52nd (1985) and 91st (2003)
82 61st, 69th, 70th and 71st Amendments
83 73rd and 74th Amendments 1992: local self-government
84 86th, 92nd, 93rd and 97th Amendments
85 99th Amendment and NJAC judgment 2015
86 101st Amendment 2016: Goods and Services Tax
87 102nd, 103rd and 105th Amendments: backward classes and EWS
88 104th and 106th Amendments: representation NEW
89 Constitution Amendment Bills 2024-25: One Nation One Election and others NEW
90 Emergency-era amendments: 38th and 39th (1975)
91 Other notable amendments: 31st, 35th-36th, 52nd onwards to 100th

### Basic Structure Doctrine

4

92 Early amendment cases: Shankari Prasad, Sajjan Singh, Golaknath
93 Kesavananda Bharati case 1973
94 Post-Kesavananda basic structure cases
95 Elements of basic structure identified by courts

### Significant Provisions and Landmark Judgments

9

96 Article 370 and its abrogation in 2019 NEW
97 Special provisions for states: Articles 371 to 371J
98 Article 371D and 371E: Andhra Pradesh special provisions AP
99 Fifth and Sixth Schedules: tribal areas administration
100 Official Language: Part XVII and Eighth Schedule
101 Landmark judgments on equality, gender and dignity
102 Recent landmark Supreme Court judgments 2023-2025 NEW
103 Emblem, national symbols and Article 51A link
104 Important Articles quick list for Prelims

## B2 Union, States, Legislatures & Federalism

94 subtopics · 7 AP · 5 current

**Syllabus:** 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.

### Functions and Responsibilities of the Union and the States

5

1 Extent of executive power: Articles 73 and 162
2 Union's duty to protect states: Articles 355 and 356 link
3 All-India Services and services under the Union and States
4 Federal tensions: CBI consent, central agencies and Governor role NEW
5 Asymmetric federalism and demands for new states

### The President

9

6 Election of the President: electoral college and method
7 Qualifications, oath, term and impeachment of the President
8 Executive, legislative and financial powers of the President
9 Veto powers of the President
10 Ordinance-making power: Article 123
11 Pardoning power: Article 72 vs Governor's Article 161
12 Constitutional position and discretion of the President
13 Presidents of India: firsts and notable facts
14 Vacancy, succession, emoluments and immunities of President

## Vice-President, Prime Minister and Union Council of Ministers — 5

15 Vice-President: election, functions and removal
16 Prime Minister: appointment, powers and role
17 Union Council of Ministers: composition and responsibility
18 Cabinet, cabinet committees and kitchen cabinet
19 PMO, Cabinet Secretary and Central Secretariat

## Parliament: Structure and Membership — 7

20 Composition of Lok Sabha and Rajya Sabha
21 Duration of Houses and qualifications of members
22 Disqualification of MPs and the Tenth Schedule
23 Delimitation and readjustment of constituencies
24 Special powers of Rajya Sabha and its federal role
25 Eighteenth Lok Sabha 2024: composition facts NEW
26 Parliament's treaty power and Article 253

## Parliament: Presiding Officers and Sessions — 4

27 Speaker and Deputy Speaker of Lok Sabha
28 Speaker pro tem, Chairman and panels of Rajya Sabha
29 Sessions of Parliament: summoning, adjournment, prorogation, dissolution
30 Leader of Opposition and parliamentary party system

## Parliamentary Devices and Proceedings — 12

31 Question Hour, Zero Hour and types of questions
32 Motions: adjournment, calling attention, censure, no-confidence
33 Ordinary bill: stages of legislative procedure
34 Money Bill and Financial Bills: Articles 110, 117
35 Joint sitting of Parliament: Article 108
36 Budget process in Parliament
37 Consolidated, Contingency and Public Account funds
38 Privileges of Parliament and its members: Article 105
39 Sovereignty of Parliament and its decline
40 Other devices: point of order, Rule 377, motion of thanks
41 Delegated legislation and parliamentary control
42 MPs' salaries, MPLADS and Parliamentary Budget support

## Parliamentary Committees — 3

43 Financial committees: PAC, Estimates and COPU
44 Departmentally Related Standing Committees
45 Other standing and ad hoc committees

## Union and State Judiciary — 4

46 Supreme Court: composition, appointment and removal of judges
47 Jurisdiction of the Supreme Court
48 High Courts and the AP High Court at Amaravati AP
49 Subordinate courts, Lok Adalats and tribunals

## State Executive: Governor, Chief Minister and Council of Ministers — 7

50 Governor: appointment, qualifications and term
51 Powers of the Governor: executive, legislative, financial, judicial
52 Assent to bills: Articles 200 and 201 and the 2025 judgments NEW
53 Discretionary powers and constitutional position of the Governor
54 Chief Minister and State Council of Ministers
55 Andhra Pradesh state executive: CMs and Governors facts AP
56 Governor's ordinance power: Article 213

### State Legislature

7

57 Composition of Legislative Assembly and Council
58 Article 169: creation and abolition of Legislative Councils
59 History of the Andhra Pradesh Legislative Council AP
60 AP Legislative Assembly: composition and facts AP
61 Legislative procedure and position of Council in states
62 Privileges, Speaker's powers and anti-defection in state legislatures
63 Legislative Councils: arguments for and against

### Union Territories and Special Areas

2

64 Administration of Union Territories
65 Delhi: Article 239AA and the GNCTD disputes NEW

### Centre-State Relations

10

66 Legislative relations: Seventh Schedule and Articles 245-255
67 Administrative relations: Articles 256-263
68 Financial relations: distribution of taxing powers
69 Commissions on Centre-State relations
70 Inter-State Council and Zonal Councils
71 Inter-state water disputes and AP river tribunals AP
72 Cooperative federalism: NITI Aayog and competitive federalism
73 Important entries in Union, State and Concurrent Lists
74 Article 131 suits and Centre-State litigation
75 Planning Commission, National Development Council and NITI transition

### Emergency Provisions

4

76 National Emergency: Article 352
77 President's Rule: Article 356 and S.R. Bommai case
78 Financial Emergency: Article 360
79 Effects of emergency on Centre-State relations and Lok Sabha

### Devolution of Finances: Union to States

6

80 Finance Commission: devolution criteria and award history
81 Sixteenth Finance Commission (2026-31) NEW
82 GST and its impact on fiscal federalism
83 Cesses, surcharges and centrally sponsored schemes
84 Fiscal discipline: FRBM, state borrowing and off-budget debt
85 Andhra Pradesh: special category status and post-bifurcation finances AP

### Devolution to Local Bodies: Powers and Finances

9

86 Devolution of 3Fs: funds, functions and functionaries
87 State Finance Commissions: Articles 243-I and 243Y
88 Own source revenue and taxation powers of local bodies
89 Finance Commission grants to local bodies
90 Municipal finance: bonds and urban governance challenges
91 Challenges in devolution to local levels
92 District Planning and Metropolitan Planning Committees
93 Urban local bodies: types and structure under 74th Amendment
94 Andhra Pradesh urban local bodies: structure and laws AP

## B3 Constitutional Authorities, Panchayati Raj & Governance

66 subtopics · 10 AP · 6 current

**Syllabus:** Constitutional Authorities: Powers, Functions and Responsibilities - Panchayati Raj - Public Policy and Governance.

### Constitutional Authorities: Overview

1

1 Constitutional, statutory and executive bodies: classification

### Election Commission of India — 9

2 Article 324: composition and independence of ECI
3 CEC and Other ECs (Appointment, Conditions) Act 2023 NEW
4 Functions and powers of the ECI
5 Recognition of national and state political parties
6 Model Code of Conduct, EVMs, VVPAT and NOTA
7 Representation of People Acts 1950 and 1951
8 Special Intensive Revision of electoral rolls 2025 NEW
9 Electoral reforms: committees and key judgments
10 State Election Commission and AP local body elections AP

### Comptroller and Auditor General of India — 3

11 CAG: appointment, tenure and independence (Arts 148-151)
12 Duties and powers of CAG: DPC Act 1971
13 Types of audit and CAG-PAC relationship

### Public Service Commissions — 3

14 Union Public Service Commission: Articles 315-323
15 State and Joint Public Service Commissions
16 Andhra Pradesh Public Service Commission: history and functions AP

### Law Officers and Finance Commission — 4

17 Attorney General and Solicitor General of India
18 Advocate General of the State: Article 165
19 Finance Commission: Article 280 and FC Act 1951
20 Finance Commissions and their chairmen

### Commissions for SCs, STs, Backward Classes and Linguistic Minorities — 4

21 National Commission for Scheduled Castes: Article 338
22 National Commission for Scheduled Tribes: Article 338A
23 National Commission for Backward Classes: Article 338B
24 Special Officer for Linguistic Minorities: Article 350B

### GST Council — 2

25 GST Council: Article 279A composition and functions
26 GST rate rationalisation 2025 ('GST 2.0') NEW

### Statutory Authorities for Integrity and Accountability — 4

27 Lokpal and Lokayuktas Act 2013
28 Andhra Pradesh Lokayukta and Upa-Lokayukta AP
29 Central Vigilance Commission and Whistle Blowers Act
30 CBI and Prevention of Corruption Act amendments

### Panchayati Raj: Evolution and Committees — 5

31 Community Development Programme and early rural local government
32 Balwantrai Mehta Committee 1957 and first PRIs
33 Ashok Mehta Committee 1977
34 G.V.K. Rao, L.M. Singhvi, Thungon and Gadgil committees
35 Panchayati Raj in Andhra Pradesh: 1959 to 1994 AP

### 73rd Amendment and PESA — 4

36 73rd Amendment: compulsory and voluntary provisions
37 Gram Sabha and the Eleventh Schedule
38 Exempted areas, Art 243M and 50% women reservation
39 PESA Act 1996: Panchayats in Fifth Schedule Areas

### Panchayati Raj in Andhra Pradesh — 4

40 AP Panchayat Raj Act 1994: three-tier structure AP
41 AP PR Act: elections, reservations and functions AP
42 Village and Ward Secretariats system in Andhra Pradesh AP
43 AP institutions for rural development and decentralised governance AP

### Panchayati Raj: Schemes, Indices and Challenges — 4

44 Rashtriya Gram Swaraj Abhiyan and capacity building
45 SVAMITVA, e-GramSwaraj and digital panchayats
46 Panchayat Advancement Index and National Panchayat Awards NEW
47 Challenges of Panchayati Raj Institutions

### Public Policy — 4

48 Public policy: concept, cycle and models
49 Institutions in policy-making in India
50 Policy implementation, monitoring and evaluation tools
51 Major national policies and their years

### Good Governance: Concepts and Reforms — 4

52 Good governance: concept and characteristics
53 Second Administrative Reforms Commission (2005-09)
54 Good Governance Index and governance rankings
55 Civil services reforms: Mission Karmayogi and lateral entry

### Transparency and Accountability: RTI and Citizen-Centric Administration — 6

56 Right to Information Act 2005: key provisions
57 Information Commissions and RTI amendments NEW
58 Citizen's Charter and Sevottam model
59 Public grievance redressal: CPGRAMS and AP PGRS
60 Social audit and Andhra Pradesh SSAAT AP
61 Ethics in governance and codes of conduct

### E-Governance and Digital Public Infrastructure — 5

62 National e-Governance Plan and Digital India
63 Digital public infrastructure: Aadhaar, DigiLocker, UMANG, JAM
64 Digital Personal Data Protection Act 2023 and Rules 2025 NEW
65 E-governance in Andhra Pradesh AP
66 Direct Benefit Transfer and service delivery reforms

## B4 LPG & Statutory, Regulatory, Quasi-judicial Bodies

63 subtopics · 6 AP · 5 current

**Syllabus:** Impact of Liberalization, Privatization and Globalization on Governance - Statutory, Regulatory and Quasi-judicial bodies.

### LPG and Governance — 8

1 1991 New Economic Policy: LPG reforms and their architects
2 LPG and the rise of the regulatory state in India
3 Privatization and disinvestment: institutions and policy milestones
4 Globalization and governance: WTO commitments and cooperative federalism
5 Good governance, e-governance and citizen-centric reforms
6 Real-time governance and e-governance initiatives in Andhra Pradesh AP
7 Civil society, NGOs and FCRA regulation after globalization
8 Debates on regulator independence and accountability

### Classification of Bodies — 1

9 Constitutional vs statutory vs executive vs regulatory vs quasi-judicial bodies

### Human Rights Bodies — 4

10 National Human Rights Commission: composition and appointment
11 NHRC: functions, powers and limitations
12 State Human Rights Commissions and Human Rights Courts
13 Protection of Human Rights (Amendment) Act 2019 NEW

## Anti-corruption and Investigation Bodies — 8

14 Central Vigilance Commission: evolution, composition and functions
15 Central Bureau of Investigation: origin, structure and jurisdiction
16 Lokpal: Lokpal and Lokayuktas Act 2013
17 Lokayuktas in States: history and models
18 Andhra Pradesh Lokayukta and Upa-Lokayukta AP
19 Prevention of Corruption Act and its 2018 amendment
20 Whistleblowers Protection Act 2014 and Enforcement Directorate
21 Lokpal: recent developments and jurisdiction debates NEW

## Planning and Policy Bodies — 3

22 NITI Aayog: structure, functions and differences from Planning Commission
23 NITI Aayog indices and reports
24 Finance Commission, GST Council and Inter-State Council

## Women, Child and Social Justice Commissions — 4

25 National Commission for Women
26 National Commission for Protection of Child Rights
27 NCSC, NCST and NCBC: constitutional commissions
28 National Commission for Minorities and National Commission for Safai Karamcharis

## Information and Consumer Bodies — 3

29 Central Information Commission and RTI Act 2005
30 State Information Commissions and the DPDP Act impact on RTI NEW
31 Consumer Protection Act 2019 and Consumer Commissions

## Financial Regulators — 4

32 Reserve Bank of India as regulator: structure and Monetary Policy Committee
33 Securities and Exchange Board of India
34 IRDAI and PFRDA: insurance and pension regulators
35 IFSCA, IBBI and other financial-sector bodies

## Infrastructure and Utility Regulators — 6

36 Telecom Regulatory Authority of India and TDSAT
37 Electricity regulators: CERC, SERCs and APTEL
38 Competition Commission of India
39 Food, drugs and health regulators: FSSAI, CDSCO, NMC
40 Sectoral regulators: PNGRB, AERA, RERA, DGCA, IWAI
41 Education, media and standards regulators

## Tribunals and Quasi-judicial Bodies — 12

42 Tribunals under Articles 323A and 323B
43 Central Administrative Tribunal and State Administrative Tribunals
44 Tribunals Reforms Act 2021 and the rationalisation of tribunals NEW
45 National Green Tribunal
46 Armed Forces Tribunal, ITAT, NCLT/NCLAT and DRTs
47 Lok Adalats and Legal Services Authorities
48 Gram Nyayalayas and Family Courts
49 Appellate tribunals of regulators: SAT, TDSAT, APTEL, CESTAT
50 Inter-State River Water Disputes Tribunals and Krishna-Godavari disputes AP
51 Krishna and Godavari River Management Boards AP
52 Ombudsman mechanisms in banking, insurance and electricity
53 Delimitation Commission and Law Commission

### Other Statutory and Executive Bodies

10

54 National Disaster Management Authority and NDRF
55 Election-related and constitutional watchdogs: ECI, CAG, UPSC and APPSC
56 National Statistical Commission, MoSPI and data bodies
57 UIDAI and the Aadhaar framework
58 CERT-In, Data Protection Board and cyber governance bodies NEW
59 Environmental regulators: CPCB, SPCBs, NBA, NTCA, CAQM
60 Atomic, space and scientific regulators
61 Commodity boards and statutory boards with AP links AP
62 Statutory bodies for persons with disabilities and senior citizens
63 State Election Commission, State Finance Commission and AP state bodies AP

## B5 Rights Issues: Human, Women, SC/ST, Child

43 subtopics · 3 AP · 3 current

**Syllabus:** Rights Issues (Human rights, Women rights, SC/ST rights, Child rights) etc.

### Human Rights: Concepts and International Framework

7

1 Universal Declaration of Human Rights and generations of rights
2 International Bill of Rights: ICCPR and ICESCR
3 Core UN human rights treaties and India's ratification status
4 UN Human Rights Council and Universal Periodic Review
5 Human rights in the Indian Constitution
6 Custodial rights, death penalty and criminal justice safeguards
7 Rights of refugees, migrants and stateless persons

### Women's Rights

11

8 Constitutional provisions for women
9 Protection of Women from Domestic Violence Act 2005
10 Sexual Harassment of Women at Workplace (PoSH) Act 2013
11 Dowry Prohibition Act 1961 and cruelty-related laws
12 Maternity Benefit Act and women's labour rights
13 Marriage, divorce and personal law reforms
14 Reproductive rights: MTP Act and surrogacy laws
15 Criminal law protections for women: Nirbhaya to BNS
16 Andhra Pradesh laws and initiatives for women's safety: Disha AP
17 Women's representation and empowerment schemes
18 Status of women: indices and data NEW

### SC/ST Rights

8

19 Constitutional safeguards for Scheduled Castes and Scheduled Tribes
20 Protection of Civil Rights Act 1955
21 SC/ST (Prevention of Atrocities) Act 1989 and amendments
22 Reservation jurisprudence: creamy layer, sub-classification and promotions NEW
23 Forest Rights Act 2006 and PESA 1996
24 Tribal rights in Andhra Pradesh: Samatha judgment and Land Transfer Regulation AP
25 Schemes for SC/ST welfare
26 Manual scavenging and related rights

### Child Rights

7

27 Constitutional provisions and UN CRC for children
28 POCSO Act 2012 and amendments
29 Juvenile Justice (Care and Protection of Children) Act 2015
30 Right to Education Act 2009
31 Child labour and child marriage laws
32 Child health, nutrition and protection schemes
33 Child rights in Andhra Pradesh AP

### Rights of Other Vulnerable Groups — 8

34 Transgender Persons (Protection of Rights) Act 2019
35 Rights of Persons with Disabilities Act 2016
36 Rights of senior citizens and elderly welfare
37 Minority rights and religious freedom
38 Rights of workers, bonded labour and trafficking
39 Right to privacy, information and digital rights
40 Rights in custody, prisons and undertrials
41 Rights of manual and migrant workers and the One Nation One Ration Card

### Rights Bodies and Days — 2

42 Important rights-related days and themes
43 Global rights indices and India's performance NEW

## B6 Foreign Policy, Global Institutions & Schemes

120 subtopics | 27 AP | 11 current

**Syllabus:** India's Foreign Policy - International Relations - Important Institutions, Agencies and Fora, their structure and mandate - Important Policies and Programmes of Central and State Governments.

### Foundations and Doctrines of India's Foreign Policy — 7

1 Panchsheel and Non-Alignment: origins and principles
2 Foreign policy doctrines: Indira, Gujral and later doctrines
3 Neighbourhood First, SAGAR/MAHASAGAR and Act East
4 India's nuclear doctrine and non-proliferation stance
5 Soft power, diaspora and cultural diplomacy
6 Development partnership: Lines of Credit, ITEC and humanitarian aid
7 India's evacuation and HADR operations

### India and its Neighbourhood — 6

8 India-Pakistan relations: wars, agreements and terrorism
9 India-China relations: border, trade and recent engagement
10 India-Bangladesh relations
11 India-Nepal and India-Bhutan relations
12 India-Sri Lanka and India-Maldives relations
13 India-Afghanistan and India-Myanmar relations

### India and Major Powers and Regions — 7

14 India-US relations: strategic partnership and defence pacts
15 India-Russia relations
16 India and West Asia: Gulf, Israel and Iran
17 India-EU, India-UK and Europe
18 India and Indo-Pacific, Africa and Latin America
19 India's maritime and security partnerships
20 India-Canada and diaspora-related diplomatic issues NEW

### United Nations: Structure and Principal Organs — 4

21 United Nations: origin, Charter and membership
22 UN Security Council: composition, veto and reform
23 UN General Assembly, ECOSOC, ICJ, Secretariat and Trusteeship Council
24 UN Peacekeeping and India's contribution

### UN Specialised Agencies, Funds and Programmes — 7

25 UN specialised agencies: HQs and heads at a glance
26 WHO and global health governance
27 UNESCO and World Heritage in India
28 ILO, FAO and IFAD
29 UN funds and programmes: UNDP, UNICEF, UNEP, UNHCR, UNFPA
30 IAEA, OPCW and disarmament bodies
31 UNFCCC, IPCC and climate negotiations

### International Financial Institutions — 4

32 International Monetary Fund
33 World Bank Group: five institutions
34 Multilateral development banks: ADB, AIIB, NDB
35 BIS, FATF and global financial standard-setters

### Trade Bodies and Agreements — 3

36 World Trade Organization: structure and agreements
37 UNCTAD, WCO and trade-related bodies
38 India's FTAs, CEPAs and trade policy NEW

### Global and Regional Groupings — 13

39 G20: origin, structure and India's presidency
40 G7, G77 and other 'G' groupings
41 BRICS
42 Shanghai Cooperation Organisation
43 QUAD and Indo-Pacific minilaterals
44 ASEAN and ASEAN-led fora
45 SAARC
46 BIMSTEC
47 Indian Ocean and littoral groupings: IORA, IONS, Colombo Process
48 Economic corridors: IMEC, I2U2, INSTC
49 Commonwealth, OPEC, OECD and other organisations
50 European Union, African Union and other regional organisations
51 Interpol, NATO and security organisations

### India-led and India-founded Global Initiatives — 2

52 International Solar Alliance and climate coalitions
53 Mission LiFE, Global South and other India initiatives NEW

### Central Schemes: Agriculture and Farmers — 6

54 PM-KISAN and Kisan Credit Card
55 Pradhan Mantri Fasal Bima Yojana and crop insurance
56 Irrigation and soil: PMKSY, Soil Health Card, PM-KUSUM
57 Agricultural markets and FPOs: e-NAM, PM-AASHA, 10,000 FPOs
58 New farm missions 2024-26: Dhan-Dhaanya, Pulses, Natural Farming, Digital Agriculture NEW
59 Animal husbandry and fisheries schemes

### Central Schemes: Rural Development and Housing — 5

60 Rural employment guarantee: from MGNREGA to the new framework NEW
61 PMAY-Gramin and PMAY-Urban 2.0
62 DAY-NRLM, SVAMITVA and rural livelihoods
63 Rural infrastructure: PMGSY, Jal Jeevan Mission, SBM-Grameen
64 Panchayat strengthening schemes

### Central Schemes: Urban Development and Infrastructure — 6

65 Urban missions: Smart Cities, AMRUT 2.0, SBM-Urban 2.0
66 PM SVANidhi and urban livelihoods
67 PM Gati Shakti, National Logistics Policy, Bharatmala and Sagarmala
68 Aviation, railways and connectivity schemes
69 Energy schemes: PM Surya Ghar, Ujjwala, Saubhagya, Green Hydrogen
70 Vibrant Villages Programme and border area development NEW

### Central Schemes: Health and Nutrition — 4

71 Ayushman Bharat: PM-JAY, Arogya Mandirs and ABDM
72 Disease elimination missions: TB, sickle cell, leprosy
73 Health infrastructure and medicines: PM-ABHIM, Jan Aushadhi
74 Nutrition: POSHAN, PM POSHAN and food security schemes

### Central Schemes: Education, Skills and Employment — 4

75 School education schemes: Samagra Shiksha, PM SHRI, NIPUN Bharat
76 Higher education and research schemes
77 Skilling and employment: PMKVY, PM Internship, ELI scheme NEW
78 PM Vishwakarma and support for artisans

### Central Schemes: Financial Inclusion and Social Security — 5

79 PM Jan Dhan Yojana and JAM trinity
80 Jan Suraksha schemes: PMJJBY, PMSBY, APY
81 MUDRA, Stand-Up India and credit for small enterprises
82 Pension and employee welfare reforms NEW
83 Direct Benefit Transfer and digital public infrastructure

### Central Schemes: Industry, Technology and Innovation — 4

84 Make in India, PLI and Startup India
85 Semiconductor, AI and quantum missions NEW
86 Space and ocean missions NEW
87 Defence and security programmes

### Central Schemes: Social Welfare, Culture and Environment — 5

88 Schemes for minorities, OBCs and backward regions
89 Tourism and culture schemes
90 Environment and climate schemes
91 Sports and youth programmes
92 Flagship governance and citizen-service missions

### Andhra Pradesh: Vision and Development Strategy — 5

93 Swarna Andhra @2047 vision and its ten principles AP
94 P4 model: Zero Poverty through Public-Private-People Partnership AP
95 Amaravati capital: history, financing and status AP
96 AP Reorganisation Act 2014 commitments AP
97 Central institutions in Andhra Pradesh under bifurcation AP

### Andhra Pradesh: Welfare Schemes (Super Six and others) — 9

98 NTR Bharosa social security pensions AP
99 Talliki Vandanam: education support to mothers AP
100 Annadata Sukhibhava: investment support to farmers AP
101 Stree Shakti free bus travel and Deepam-2 AP
102 Anna Canteens and food security in AP AP
103 Health schemes in AP: NTR Vaidya Seva and universal health coverage AP
104 Education initiatives in AP: Mega DSC, LEAP and model schools AP
105 Housing, sand and land policies in AP AP
106 Welfare of BCs, SCs, STs and minorities in AP AP

### Andhra Pradesh: Agriculture, Water and Rural Programmes — 4

107 Polavaram project and river linking in AP AP
108 AP Community Managed Natural Farming and Rythu Seva Kendras AP
109 Aquaculture, horticulture and allied sectors in AP AP
110 Water conservation and drinking water programmes in AP AP

### Andhra Pradesh: Industry, Infrastructure and Technology — 6

111 AP industrial policies 2024-29 and investment promotion AP
112 Major investments: steel, refinery, green hydrogen, data centres AP
113 Industrial corridors and nodes in AP AP
114 Ports, airports and coastal infrastructure in AP AP
115 Technology initiatives: Quantum Valley, drones, real-time governance AP
116 Energy transition in Andhra Pradesh AP

### Andhra Pradesh: Governance and Social Programmes — 4

117 Village and Ward Secretariats and volunteer system AP
118 Skill development and employment programmes in AP AP
119 Tourism and culture promotion in AP AP
120 AP population management and family policy NEW

# ₹ Section C · Indian and Andhra Pradesh Economy and Planning

## C1 Indian Economy, Planning, NITI Aayog & HDI

53 subtopics | 4 AP | 5 current

**Syllabus:** Basic characteristics of Indian Economy as a developing economy - Economic development since independence, objectives and achievements of planning - NITI Aayog and its approach to economic development - Growth and distributive justice - Economic development, Human Development Index - India's rank in the world - Environmental degradation and challenges - Sustainable Development - Environmental Policy.

### Indian Economy as a Developing Economy — 6

1. Features of a developing economy as seen in India
2. Colonial legacy of the Indian economy at independence
3. India as a mixed economy: public and private sector roles
4. Sectoral composition of India's GVA and workforce
5. India's global economic size and income classification NEW
6. Andhra Pradesh economy: basic characteristics AP

### Planning in India: Origins and Machinery — 3

7. Pre-independence economic plans and proposals
8. Planning Commission and National Development Council
9. Models and types of planning used in India

### Five-Year Plans: Objectives and Achievements — 8

10. First Five-Year Plan (1951-56): agriculture focus
11. Second Five-Year Plan (1956-61): heavy industry strategy
12. Third Plan, plan holiday and Fourth Plan
13. Fifth to Seventh Plans: poverty and employment focus
14. Eighth to Twelfth Plans: post-reform planning
15. Overall achievements and failures of planning
16. Phases of India's growth since independence
17. Plan-wise matching: plans, models and slogans

### NITI Aayog and its Approach — 6

18. NITI Aayog: establishment and composition
19. Planning Commission vs NITI Aayog: comparison
20. NITI Aayog's approach to economic development
21. NITI Aayog indices and rankings of states
22. Aspirational Districts and Aspirational Blocks Programmes
23. NITI Aayog Governing Council and Viksit Bharat agenda NEW

### Growth and Distributive Justice — 5

24. Economic growth vs economic development
25. Distributive justice: constitutional and theoretical basis
26. Inclusive growth: concept and Indian policy
27. Measures of income and wealth inequality
28. Instruments of redistribution in India

### Human Development Index and Global Rankings — 5

29. Human Development Index: concept and computation
30. Other UNDP composite indices
31. India's rank in Human Development Report 2025 NEW
32. India's rank in major global indices NEW
33. Human development in Andhra Pradesh AP

### Environmental Degradation and Challenges

9

34 Air pollution: status and national programmes
35 Water pollution and depletion
36 Land degradation, desertification and soil erosion
37 Deforestation and India State of Forest Report
38 Climate change: India's commitments and action plan
39 Biodiversity loss and protected areas
40 Solid waste, plastic and e-waste management
41 Environmental challenges specific to Andhra Pradesh AP
42 Environmental accounting and green GDP

### Sustainable Development

5

43 Concept and milestones of sustainable development
44 Sustainable Development Goals and India
45 Mission LiFE and green market mechanisms NEW
46 Circular economy and resource efficiency
47 Sustainable development initiatives in Andhra Pradesh AP

### Environmental Policy and Law

6

48 Constitutional provisions for environment protection
49 Major environmental laws of India
50 National environmental and forest policies
51 Environmental institutions and regulators
52 Principles and landmark environmental judgments
53 International environmental conventions and India

## C2 National Income, Demography, Poverty & Employment

63 subtopics · 7 AP · 8 current

**Syllabus:** National Income and its concepts and components - India's National Accounts - Demographic issues - Poverty and Inequalities - Occupational Structure and Unemployment - Various Schemes of employment and poverty eradication - Issues of Rural Development and Urban Development.

### National Income: Concepts

7

1 GDP, GNP, NDP and NNP: definitions and relationships
2 Market price, factor cost and basic price
3 Nominal GDP, real GDP and GDP deflator
4 Methods of measuring national income
5 Components of GDP by expenditure
6 Related income aggregates and terms
7 Limitations of GDP as a welfare measure

### India's National Accounts

7

8 History of national income estimation in India
9 Statistical institutions: MoSPI, NSO and NSC
10 Release calendar of national income estimates
11 Base year revisions of GDP, CPI and IIP NEW
12 Major surveys feeding national accounts
13 Sectoral classification in national accounts
14 Andhra Pradesh GSDP and per capita income AP

### Demographic Issues

10

15 Census of India 2011: key national figures
16 Census system and Census 2027 NEW
17 Demographic transition theory and India
18 Demographic dividend and dependency ratio
19 Population policy of India
20 NFHS-5 (2019-21) key findings
21 Vital statistics: IMR, MMR, TFR and SRS
22 Ageing population and elderly welfare
23 Urbanisation and migration trends
24 Demographic profile of Andhra Pradesh AP

### Poverty

6

25 Concepts and measures of poverty
26 Poverty estimation committees in India
27 National Multidimensional Poverty Index (NITI Aayog)
28 International poverty lines and India NEW
29 Household Consumption Expenditure Surveys 2022-23 and 2023-24 NEW
30 Causes and consequences of poverty in India

### Inequalities — 3

31 Income, consumption and wealth inequality in India
32 Regional, gender and social inequalities
33 Regional disparities within Andhra Pradesh AP

### Occupational Structure and Unemployment — 7

34 Occupational structure of India
35 Types of unemployment
36 Measurement concepts: usual status, CWS and CDS
37 Periodic Labour Force Survey and employment trends NEW
38 Informal sector and unorganised workers
39 Four Labour Codes NEW
40 Employment and skilling in Andhra Pradesh AP

### Employment and Poverty Eradication Schemes — 11

41 Early rural development and wage employment programmes
42 MGNREGA: features and implementation
43 VB-G RAM G Act 2025 replacing MGNREGA NEW
44 DAY-NRLM, SHGs and Lakhpati Didi
45 Urban livelihood schemes: DAY-NULM and PM SVANidhi
46 Self-employment and credit-linked schemes
47 Skill development schemes
48 Employment Linked Incentive and PM Viksit Bharat Rozgar Yojana NEW
49 Social security schemes for the poor
50 Food-based poverty alleviation: PMGKAY
51 Andhra Pradesh poverty eradication and welfare schemes AP

### Rural Development — 6

52 Issues of rural development in India
53 Rural connectivity and housing schemes
54 Rural sanitation and drinking water missions
55 Gram panchayat and land-based rural schemes
56 Schemes for tribal and vulnerable rural groups
57 Rural development in Andhra Pradesh AP

### Urban Development — 6

58 Urbanisation in India: definitions and trends
59 Smart Cities Mission and AMRUT
60 Urban housing and sanitation missions
61 Urban governance and finance
62 Heritage and other urban schemes
63 Urban development in Andhra Pradesh: Amaravati and cities AP

## C3 Agriculture, Industry, Energy, Trade & WTO

88 subtopics · 11 AP · 20 current

**Syllabus:** Indian Agriculture - Irrigation and water - Inputs of agriculture - Agricultural Strategy and Agricultural Policy - Agrarian Crisis and land reforms - Agricultural credit - Minimum Support Prices - Malnutrition and Food Security - Indian Industry - Industrial Policy - Make in India - Start-up and Stand-up programmes - SEZs and Industrial Corridors - Energy and Power policies - Economic Reforms - Liberalisation, Privatisation and Globalization - International Trade and Balance of Payments - India and WTO.

### Agriculture: Basics and Cropping — 5

1 Indian agriculture: land use, cropping seasons and major crops
2 Agriculture and allied sector in Andhra Pradesh AP
3 Horticulture, dairy and fisheries: allied sector missions
4 Agricultural research institutions and agricultural universities AP
5 Watershed, rainfed farming and drought management

### Irrigation and Water — 5

6 Irrigation sources and classification of projects in India
7 Major irrigation and multipurpose projects of India
8 Irrigation projects of Andhra Pradesh AP
9 PMKSY and national water management schemes NEW
10 Jal Jeevan Mission, Namami Gange and drinking water programmes NEW

## Inputs of Agriculture — 4

11 Seeds and varieties: HYV, GM crops and seed policy
12 Fertilizers: consumption, subsidy and nutrient policy
13 Pesticides, soil health and organic farming
14 Farm mechanisation, power and credit inputs

## Agricultural Strategy and Policy — 8

15 Green Revolution and other revolutions
16 National Agriculture Policy and farm policy milestones
17 Farm income support, crop insurance and market reforms NEW
18 Agri-marketing, cooperatives and warehousing
19 Agricultural exports, GI crops and food processing
20 Farm subsidies and agricultural budget and expenditure NEW
21 Agricultural extension and information services
22 Contract farming, agri-marketing reforms and e-trading

## Agrarian Crisis and Land Reforms — 5

23 Agrarian distress and farmers' commissions
24 Land reforms in India: zamindari abolition to ceilings
25 Land reforms and land records in Andhra Pradesh AP
26 Land acquisition law and land records modernisation
27 Agrarian movements and peasant struggles

## Agricultural Credit — 4

28 Institutional agricultural credit structure
29 Kisan Credit Card and interest subvention NEW
30 Rural microfinance and Self Help Groups AP
31 Cooperatives and PACS reforms

## Minimum Support Prices — 2

32 MSP mechanism, CACP and procurement
33 MSP schemes and recent MSP issues NEW

## Malnutrition and Food Security — 6

34 National Food Security Act 2013 and PDS
35 Food management: FCI, buffer stock and PDS reforms
36 Nutrition schemes: ICDS, PM POSHAN and Poshan Abhiyaan
37 Malnutrition indicators: NFHS-5, GHI and SOFI NEW
38 Food security and nutrition schemes in Andhra Pradesh AP
39 Food fortification, millets and nutrition missions

## Indian Industry and Industrial Policy — 7

40 Structure and trends of Indian industry
41 Industrial policies from 1948 to 1991
42 New Industrial Policy 1991 and subsequent industrial reforms
43 MSME sector, Udyam and credit support NEW
44 Labour laws and industrial relations reforms NEW
45 Public sector enterprises: categories and reform
46 Insolvency resolution and industrial exit mechanisms

## Major Industries and Infrastructure — 6

47 Major industries: steel, textiles, cement, IT, pharma, auto
48 Industrial development of Andhra Pradesh AP
49 Electronics, semiconductors and defence manufacturing NEW
50 Mining and petroleum sector policies
51 Logistics, ports and infrastructure policies
52 Handlooms, handicrafts and textile policy in India and AP AP

## Make in India, Start-up and Stand-up Programmes — 6

53 Make in India and manufacturing initiatives
54 Startup India, Fund of Funds and DPIIT NEW
55 Stand-Up India and credit-linked entrepreneurship
56 Startup and industry ecosystem in Andhra Pradesh AP
57 Production Linked Incentive schemes
58 Digital India and Skill India missions NEW

### SEZs and Industrial Corridors

5

59 Special Economic Zones: policy and legislation
60 SEZs and industrial parks in Andhra Pradesh AP
61 Industrial corridors: DMIC, CBIC, VCIC and others
62 12 new industrial smart cities approved 2024 NEW
63 EOUs, NIMZs and export-oriented zones

### Energy and Power Policies

8

64 Energy resources and the electricity sector in India
65 Electricity Act 2003 and power sector reforms
66 Renewable energy: solar, wind, hydrogen and targets NEW
67 Biofuels, nuclear power and LPG access NEW
68 Power and energy sector of Andhra Pradesh AP
69 Coal, gas and energy security policy
70 Energy efficiency and climate commitments NEW
71 Hydropower, pumped storage and rural electrification

### Economic Reforms: Liberalisation, Privatisation and Globalisation

5

72 1991 economic crisis and the New Economic Policy
73 Liberalisation: industrial, trade, financial and tax reforms
74 Privatisation and disinvestment policy
75 Globalisation, FDI regime and impact assessment of reforms
76 India and multilateral institutions: IMF, World Bank, ADB, AIIB, NDB

### International Trade and Balance of Payments

7

77 India's foreign trade: composition and direction
78 Export promotion schemes and trade facilitation NEW
79 Free trade agreements and recent trade developments NEW
80 Balance of Payments: structure, deficits and convertibility
81 Forex reserves and exchange rate management
82 Trade remedies and trade policy instruments
83 External debt, current account and external sector indicators NEW

### India and WTO

5

84 GATT to WTO: formation, structure and functioning
85 WTO agreements: AoA, TRIPS, TRIMS, GATS
86 India's stance and issues at WTO
87 India's trade-related international groupings and policy bodies NEW
88 WTO dispute settlement and cases involving India

## C4 RBI, Banking, Markets, Taxes, Finance Commissions & Budget

86 subtopics · 4 AP · 14 current

**Syllabus:** Financial Institutions - RBI and Monetary Policy - Banking and Financial Sector Reforms - Commercial Banks and NPAs - Financial Markets - Instabilities - Stock Exchanges and SEBI - Indian Tax System and Recent changes - GST and its impact on Commerce and Industry - Centre-States financial relations - Finance Commissions - Sharing of resources and devolution - Public Debt and Public Expenditure - Fiscal Policy and Budget.

### Financial Institutions

9

1 Indian financial system: structure and regulators
2 Development financial institutions and specialised banks
3 NBFCs, HFCs and insurance companies
4 Financial inclusion: PMJDY, Jan Suraksha, Mudra and indices
5 Payment systems and digital finance: UPI, NPCI, e-rupee NEW
6 Pension and social security finance institutions NEW
7 Cooperative banks, small finance banks and payments banks
8 IFSC GIFT City and IFSCA
9 Insurance sector: regulation, schemes and reforms NEW

## RBI and Monetary Policy — 9

10 Reserve Bank of India: establishment, structure and functions
11 Monetary policy instruments: CRR, SLR, repo, MSF, SDF
12 Monetary Policy Committee and inflation targeting
13 Money supply, inflation and credit measures
14 RBI regulatory framework and supervision tools
15 Foreign exchange management and RBI
16 RBI governors and landmark events
17 Currency management: notes, coins and security features
18 Monetary transmission, policy stance and inflation drivers NEW

## Banking and Financial Sector Reforms — 7

19 Bank nationalisation and SBI formation
20 Narasimham Committees and subsequent reform commissions
21 Recent banking reforms: mergers, recapitalisation, Indradhanush
22 Banking Laws (Amendment) Act 2025 and recent regulatory changes NEW
23 Banking and credit institutions in Andhra Pradesh AP
24 Basel norms and capital adequacy in India
25 Financial sector legislation: SARFAESI, IBC, FRBM and FSLRC

## Commercial Banks and NPAs — 6

26 Types of commercial banks and scheduled banks
27 Non-performing assets: classification, provisioning and trends
28 NPA resolution mechanisms: SARFAESI, DRT, ARC, IBC
29 Priority sector lending and credit targets
30 Bank frauds, wilful defaulters and governance
31 Digital banking, ATMs and customer protection

## Financial Markets — 7

32 Money market: instruments and participants
33 Capital market and government securities market
34 Derivatives, commodity and forex markets
35 Mutual funds and investment vehicles
36 Bond market, yields and corporate debt
37 Capital flows: FDI, FPI and regulation
38 Stock market indices and benchmarks

## Financial Instabilities — 5

39 Major financial scams and crises in India
40 Global financial instabilities and spillovers to India
41 Financial stability: FSDC, circuit breakers and systemic risk
42 Rupee volatility and currency crises
43 Banking sector instabilities and deposit insurance

## Stock Exchanges and SEBI — 5

44 Stock exchanges in India: BSE, NSE and others
45 SEBI: establishment, powers and organisation
46 Securities market regulation: IPOs, insider trading, takeover, LODR NEW
47 Stock market terminology and trading mechanics
48 Investor protection and SEBI orders NEW

## Indian Tax System and Recent Changes — 7

49 Structure of Indian tax system: Union, State and local taxes
50 Tax reform committees and historical milestones
51 Income tax changes: new regime, Budget 2024 and 2025 NEW
52 Corporate tax and customs tariff changes NEW
53 State taxes and tax devolution issues in Andhra Pradesh AP
54 Direct tax administration: TDS, faceless assessment and compliance
55 Customs, excise and petroleum taxation

### GST and Its Impact

6

56 GST: constitutional basis and structure
57 GST Council: composition, voting and decisions
58 GST rates, compliance features and GST 2.0 NEW
59 Impact of GST on commerce, industry and federalism
60 GST Compensation Cess and revenue guarantee NEW
61 GST law: IGST, place of supply, e-way bill and e-invoicing

### Centre-State Financial Relations

6

62 Constitutional provisions on Centre-State finance (Part XII)
63 Union-State financial transfers: grants, CSS and special category
64 Commissions on Centre-State relations
65 State borrowing, FRBM and fiscal federalism limits
66 Andhra Pradesh and fiscal federal issues AP
67 Local body finances and State Finance Commissions

### Finance Commissions and Devolution

6

68 Finance Commission: constitutional provisions and functions
69 List of Finance Commissions and chairmen
70 Tax devolution percentages across Finance Commissions
71 14th and 15th Finance Commission criteria and recommendations
72 16th Finance Commission: ToR, report and key themes NEW
73 Horizontal devolution, local bodies and resource sharing

### Public Debt and Public Expenditure

5

74 Public debt: structure, Debt-GDP and management
75 Public expenditure: capital and revenue, subsidies and composition
76 Budget classification: Consolidated Fund, Contingency Fund, Public Account
77 External debt and sovereign credit ratings NEW
78 Public debt instruments and cash management

### Fiscal Policy and Budget

8

79 Fiscal policy concepts: deficits and instruments
80 FRBM Act 2003 and fiscal consolidation
81 Budget procedure under the Constitution
82 Budget history, types and Economic Survey
83 Union Budget 2025-26 and 2026-27 highlights NEW
84 Andhra Pradesh State Budget and fiscal position AP
85 Budget documents and fiscal transparency statements
86 Fiscal policy responses to COVID-19 and Aatmanirbhar packages

## C5 Andhra Pradesh Economy after 2014

97 subtopics · 63 AP · 33 current

**Syllabus:** (i) The characteristics / basic features of Andhra Pradesh economy after bifurcation in 2014 - Impact of bifurcation on the endowment of natural resources and state revenue - disputes of river water sharing and their impact on irrigation - new challenges to industry and commerce - the new initiatives to develop infrastructure - power and transport - information technology and e-governance - Approaches to development and initiatives in agriculture, industry and social sector - Urbanisation and smart cities - Skill development and employment - social welfare programmes.

### Basic features of the residuary AP economy

11

1 Geographic profile of residuary Andhra Pradesh after 2014 AP
2 Demographic profile of AP: Census 2011 indicators AP
3 District reorganisation: 13 to 26 to 28 districts AP
4 GSDP size and growth of AP: latest estimates AP
5 Per capita income of AP versus all-India AP
6 Sectoral composition of AP GVA: agriculture, industry, services AP
7 AP as agrarian and aquaculture-led economy AP
8 AP natural resource base: minerals, forests, gas AP
9 Regional disparities: North Coastal, Godavari-Krishna, Rayalaseema AP
10 Workforce and occupational structure of AP AP
11 Cyclones, droughts and disaster vulnerability of AP economy NEW

### Impact of bifurcation on resources and revenue — 7

12 Loss of Hyderabad and its fiscal impact on AP AP
13 Division of natural resources between AP and Telangana AP
14 Apportionment of assets, liabilities and debt AP
15 AP state revenue after bifurcation: structure and dependence AP
16 AP Budget 2026-27 at a glance AP
17 Finance Commission awards and AP after 2014 NEW
18 Public debt and fiscal indicators of AP AP

### River water sharing disputes and irrigation — 10

19 Krishna river: course, tributaries and AP projects AP
20 Bachawat Tribunal (KWDT-I) award on Krishna waters AP
21 Brijesh Kumar Tribunal (KWDT-II) and AP-Telangana Krishna sharing AP
22 Godavari river: AP projects and tribunal AP
23 Krishna and Godavari River Management Boards and Apex Council AP
24 Inter-state disputes over Rayalaseema lift and Telangana projects AP
25 Other inter-state river issues of AP AP
26 Impact of water disputes on irrigation in AP AP
27 Major and medium irrigation projects of AP AP
28 Polavaram-Banakacherla link and river-linking initiatives NEW

### Challenges to industry and commerce — 9

29 New challenges to industry and commerce after bifurcation AP
30 AP Industrial Development Policy 4.0 (2024-29) NEW
31 Ease of Doing Business and AP rankings AP
32 MSME sector in AP AP
33 Major industrial investments and clusters in AP AP
34 Visakhapatnam Steel Plant: issues and revival NEW
35 Exports, ports and commerce of AP AP
36 Investment summits and investment promotion in AP NEW
37 Special Economic Zones in AP AP

### Sectoral industries: mining, food processing, handlooms, tourism — 4

38 Food processing and agro-industry in AP NEW
39 Mining and mineral revenue of AP AP
40 Handlooms, handicrafts and GI products of AP AP
41 Tourism as an industry in AP NEW

### Infrastructure: power and transport — 9

42 Power sector of AP: capacity and reforms AP
43 Renewable energy and Integrated Clean Energy Policy 2024 NEW
44 Road network and national highways in AP AP
45 Railways in AP AP
46 Airports of Andhra Pradesh NEW
47 Ports, waterways and logistics of AP AP
48 Oil, gas and petroleum infrastructure in AP NEW
49 Hydel, pumped storage and nuclear power projects in AP AP
50 Drinking water supply and Jal Jeevan Mission in AP AP

### Information technology and e-governance — 7

51 IT sector in AP after bifurcation NEW
52 Amaravati Quantum Valley initiative NEW
53 Real Time Governance Society (RTGS) and data-driven governance NEW
54 WhatsApp governance 'Mana Mitra' and digital service delivery NEW
55 Village/Ward Secretariats and doorstep governance AP
56 Earlier e-governance milestones of AP
57 Startup and innovation ecosystem in AP NEW

### Approaches and initiatives in agriculture — 12

58 AP agriculture: crops, area and productivity profile AP
59 Rythu Seva Kendras and agricultural extension AP
60 Annadata Sukhibhava and farmer income support NEW
61 Natural farming in AP: APCNF AP
62 Horticulture and AP's leading crops AP
63 Fisheries and aquaculture in AP AP
64 Livestock and dairy development in AP AP
65 Crop insurance, credit and price support in AP AP
66 Agri-tech and drones in AP agriculture NEW
67 Agricultural marketing in AP AP
68 Agriculture budget and agri-infrastructure in AP AP
69 Blue economy and coastal economy of AP AP

### Approaches and initiatives in industry and social sector — 9

70 Industrial corridors in AP: VCIC, CBIC, HBIC NEW
71 Approaches to development: welfare-centric vs growth-centric NEW
72 Swarna Andhra@2047 Vision: ten principles NEW
73 Zero Poverty P4 initiative NEW
74 Health sector initiatives in AP AP
75 Education sector initiatives in AP NEW
76 Housing for the poor in AP AP
77 Women and child development initiatives in AP AP
78 Social sector expenditure and DBT in AP AP

### Urbanisation and smart cities — 6

79 Urbanisation trends in AP AP
80 Smart Cities Mission cities of AP AP
81 AMRUT, PMAY-Urban and urban schemes in AP NEW
82 Metro rail and urban mobility projects AP
83 Capital region urban development: CRDA AP
84 Swachh Andhra campaigns and urban sanitation NEW

### Skill development and employment — 5

85 Employment and labour force indicators of AP AP
86 Skill development institutions and programmes in AP NEW
87 Employment generation schemes in AP AP
88 Women self-help groups and SERP in AP AP
89 Demographic dividend and education-employment linkage in AP NEW

### Social welfare programmes — 8

90 Super Six welfare promises: overview NEW
91 NTR Bharosa social security pensions NEW
92 Deepam-2 free LPG scheme NEW
93 Stree Shakti free bus travel for women NEW
94 Anna Canteens and food security in AP NEW
95 Welfare for SC, ST, BC and minorities in AP AP
96 Other targeted welfare schemes of AP NEW
97 Human development indicators of AP AP

## C6 AP Reorganisation Act 2014 & Special Status

55 subtopics · 35 AP · 15 current

**Syllabus:** (ii) A.P. Reorganisation Act, 2014 - Economic Issues arising out of bifurcation - Central government's assistance for building a new capital, compensation for loss of revenue, development of backward districts - Issues such as Vizag railway zone, Kadapa steel factory, Dugarajapatnam airport, Expressways and industrial corridors etc. - Special Status and Special Assistance - Controversy - Government's stand and measures.

### Background to bifurcation — 4

1 Road to bifurcation: Andhra State to Telangana formation AP
2 Article 3 procedure and passage of the Reorganisation Bill
3 Srikrishna Committee on Telangana: key findings AP
4 APRA 2014 compared with other state reorganisations

## AP Reorganisation Act 2014: structure and key provisions — 7

5 APRA 2014: structure, appointed day and basic facts AP
6 Hyderabad as common capital: Sections 5 to 8 AP
7 Legislative representation of AP and Telangana under APRA AP
8 High Courts after bifurcation: Sections 30 and 31 AP
9 Finance provisions: Sections 46 to 50 AP
10 Seven Polavaram mandals and APRA Amendment 2014 AP
11 End of common capital period in June 2024 NEW

## APRA 2014: schedules, division of assets and Centre's commitments — 8

12 Division of services and employees AP
13 Schedules IX and X: corporations and institutions AP
14 Water provisions: Sections 84 to 91 and Schedule XI AP
15 Power and coal: Schedule XII AP
16 Section 93, 94 and Schedule XIII: Centre's commitments AP
17 Schedule XIII education institutions in AP AP
18 Schedule XIII infrastructure commitments: list AP
19 Division of common assets: AP Bhavan and Hyderabad buildings AP

## Economic issues arising out of bifurcation — 7

20 Revenue loss and resource gap of AP after 2014 AP
21 Unresolved bifurcation disputes between AP and Telangana AP
22 Development of backward districts under APRA AP
23 Fiscal and tax incentives promised for AP AP
24 Krishna water flashpoints after bifurcation NEW
25 Godavari waters and the 80 TMC diversion via Polavaram AP
26 Rayalaseema demands arising from bifurcation AP

## New capital: Amaravati — 7

27 Sivaramakrishnan Committee on AP capital AP
28 Amaravati capital: selection, location and foundation AP
29 Land Pooling Scheme and APCRDA AP
30 Three capitals policy and its reversal AP
31 Central assistance for building Amaravati NEW
32 Amaravati infrastructure projects NEW
33 Legal status of Amaravati as capital NEW

## Polavaram as national project — 3

34 Polavaram project: location and features AP
35 Polavaram national project status and funding NEW
36 Polavaram issues: R&R, diaphragm wall and inter-state concerns NEW

## Vizag railway zone and Kadapa steel — 3

37 South Coast Railway zone with HQ at Visakhapatnam NEW
38 Kadapa steel plant: APRA commitment and status AP
39 Greenfield refinery and petrochemical complex commitment NEW

## Dugarajapatnam, expressways and corridors — 8

40 Dugarajapatnam major port commitment AP
41 Greenfield ports developed as alternatives NEW
42 Airport commitments under APRA NEW
43 Expressways and economic corridors in AP AP
44 Industrial corridors under APRA and later NEW
45 Metro rail commitments: Visakhapatnam and Vijayawada AP
46 Rapid rail and road connectivity from capital to Hyderabad NEW
47 VCIC financing: ADB tranches and outputs AP

### Special Category Status controversy — 8

48 Special Category Status: concept and criteria
49 Benefits of special category states
50 Promise of SCS to AP and the controversy AP
51 Special Assistance Measure (2016) in lieu of SCS AP
52 Political fallout of SCS demand
53 Government's stand and measures on AP bifurcation commitments NEW
54 Union Budget 2024-25 package for Andhra Pradesh NEW
55 Special Category Status vs Special Assistance: comparison AP

## Section D · Geography

### D1 General Geography: Earth, Atmosphere, Oceans

82 subtopics · 1 AP · 6 current

**Syllabus:** 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 Disasters, Marine and Continental resources.

### Earth in the Solar System — 8

1 Origin of the universe and solar system: major theories
2 The Sun: structure, energy and solar phenomena
3 Planets: order, classification and superlatives
4 Dwarf planets, asteroids, comets, meteors and Kuiper belt
5 The Moon: features, phases and eclipses
6 Earth's shape, size and unique features as a planet
7 Indian space missions to planets and the Sun NEW
8 Latitudes, longitudes and important parallels

### Motions of the Earth, Time and Seasons — 6

9 Rotation of the Earth and its effects
10 Revolution of the Earth, orbit and perihelion-aphelion
11 Solstices, equinoxes and the seasons
12 Concept of time: local time, standard time and time zones
13 International Date Line and calculation of time problems
14 Calendars, day length and the analemma

### Internal Structure of the Earth — 6

15 Sources of information about Earth's interior
16 Seismic waves and shadow zones
17 Layers of the Earth: crust, mantle and core
18 Earth's magnetism and geomagnetic reversals
19 Continental drift theory of Wegener
20 Sea-floor spreading and plate tectonics

### Major Landforms and their Features — 10

21 Endogenic and exogenic forces: diastrophism and geomorphic processes
22 Volcanoes: types, landforms and world distribution
23 Weathering, mass movements and soil formation processes
24 Fluvial landforms: erosional and depositional
25 Glacial landforms
26 Aeolian (wind) and desert landforms
27 Karst (groundwater) landforms
28 Coastal landforms
29 Mountains: types, ages and major ranges
30 Plateaus and plains: types and examples

### Atmosphere: Structure and Composition — 5

31 Composition of the atmosphere
32 Layers of the atmosphere and their features
33 Ozone layer, its depletion and Montreal Protocol
34 Insolation, heat budget and albedo
35 Temperature distribution and inversion

## Elements and Factors of Climate — 10

36 Atmospheric pressure and world pressure belts
37 Planetary winds and the general circulation
38 Periodic and local winds of the world
39 Jet streams and Rossby waves
40 Humidity, evaporation and condensation
41 Clouds: types and characteristics
42 Precipitation: forms and types
43 Factors controlling climate
44 World climate classification: Koppen and Thornthwaite
45 Major climatic regions of the world (natural regions)

## Airmasses and Fronts — 2

46 Airmasses: source regions and classification
47 Fronts and frontogenesis

## Atmospheric Disturbances — 7

48 Tropical cyclones: formation, structure and regional names
49 Cyclones of the North Indian Ocean and naming system NEW
50 Temperate (extra-tropical) cyclones and anticyclones
51 Thunderstorms, tornadoes, cloudbursts and lightning
52 ENSO: El Nino, La Nina and Southern Oscillation
53 Indian Ocean Dipole and Madden-Julian Oscillation
54 Heat waves and cold waves NEW

## Climate Change — 7

55 Greenhouse effect and greenhouse gases
56 Climate change evidence, causes and past climates
57 IPCC and its assessment reports
58 UNFCCC, Kyoto Protocol and Paris Agreement
59 Recent COPs: COP28, COP29 and COP30 outcomes NEW
60 India's climate commitments and policies NEW
61 Impacts of climate change on India and Andhra Pradesh AP

## Oceans: Physical Characteristics — 5

62 Oceans of the world and relief of the ocean floor
63 Temperature of ocean waters
64 Ocean currents: Atlantic, Pacific and Indian Ocean
65 Tides: causes, types and uses
66 Waves, upwelling and ocean circulation

## Oceans: Chemical and Biological Characteristics — 5

67 Salinity of ocean water
68 Ocean acidification and dissolved gases
69 Marine life zones and plankton
70 Coral reefs: types, conditions and distribution
71 Mangroves and coastal ecosystems

## Hydrological Disasters — 5

72 Tsunamis: causes, warning systems and the 2004 tsunami
73 Floods: types, flood-prone areas and management
74 Storm surges and coastal hazards
75 Droughts: types and drought-prone areas
76 Disaster management framework: India and global

## Marine and Continental Resources — 6

77 Law of the Sea: maritime zones and UNCLOS
78 Marine mineral and energy resources
79 Deep Ocean Mission and Samudrayaan NEW
80 Fisheries and marine biological resources
81 Continental resources: types and conservation
82 Groundwater and freshwater resources

# D2 Physical Geography: World, India & AP

105 subtopics | 24 AP | 7 current

**Syllabus:** 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.

## World: Major Physical Divisions — 11

1. Continents: area, extremities and key physical facts
2. Major mountain ranges and peaks of the world
3. Major plateaus, plains and grasslands of the world
4. Major deserts of the world
5. Major rivers and lakes of the world
6. Straits, canals, islands and waterfalls of the world
7. Geographical hotspots in news: seas, gulfs and chokepoints NEW
8. Physiography of Asia and Europe
9. Physiography of Africa and Australia
10. Physiography of North and South America
11. Major dams and river basin projects of the world

## India: Location and Major Physical Divisions — 13

12. India: location, extent and boundaries
13. The Himalaya: formation and longitudinal divisions
14. Regional divisions of the Himalaya and major peaks
15. Himalayan mountain passes
16. Northern Plains: formation and divisions
17. Peninsular plateau: Central Highlands and Deccan Plateau
18. Western Ghats: features, peaks and passes
19. Eastern Ghats: features, ranges and peaks
20. Coastal plains of India
21. Indian islands and the Great Indian Desert
22. Purvanchal and Meghalaya plateau: hills of North-East
23. Hills, peaks and hill stations of Peninsular India
24. Physiographic divisions: area shares and doabs

## Andhra Pradesh: Physical Divisions — 7

25. AP: location, area, boundaries and districts AP
26. Physiographic divisions of Andhra Pradesh AP
27. Eastern Ghats in Andhra Pradesh: ranges and hills AP
28. Coastline of AP: length, beaches and coastal features AP
29. Rayalaseema plateau and western uplands of AP AP
30. Geology of Andhra Pradesh AP
31. Hill stations, valleys and caves of AP AP

## Earthquakes — 4

32. Earthquakes: causes, types and world distribution
33. Earthquake zones of India and major Indian earthquakes
34. Seismicity of Andhra Pradesh AP
35. Earthquake risk mitigation: codes, guidelines and early warning

## Landslides — 4

36. Landslides: causes, types and world distribution
37. Landslide zones of India and recent events NEW
38. Glacial hazards: GLOFs and glacier retreat in India NEW
39. Landslide-prone areas of Andhra Pradesh AP

## Natural Drainage: India — 13

40. Drainage patterns and drainage basins
41. Himalayan vs Peninsular rivers: comparison
42. Indus river system
43. Ganga river system
44. Brahmaputra river system
45. East-flowing peninsular rivers: Mahanadi, Godavari, Krishna, Kaveri
46. West-flowing peninsular rivers
47. Lakes and waterfalls of India
48. River water disputes and tribunals of India
49. River interlinking and major multipurpose projects
50. Godavari basin: tributaries and basin states
51. Krishna basin: tributaries and basin states
52. Cities on rivers and river confluences of India

## Natural Drainage: Andhra Pradesh — 5

53 Godavari in Andhra Pradesh AP
54 Krishna in Andhra Pradesh AP
55 Pennar, Vamsadhara, Nagavali and other rivers of AP AP
56 Lakes, waterfalls and reservoirs of Andhra Pradesh AP
57 AP-Telangana and inter-state river water issues of AP AP

## Climatic Change and Climatic Regions — 6

58 Climate of India: controls and Koppen regions
59 Seasons of India as per IMD
60 Climate change and climatic trends in India
61 Climate of Andhra Pradesh AP
62 Agro-climatic zones of India
63 Agro-climatic zones of Andhra Pradesh AP

## Monsoon — 6

64 Mechanism of the Indian monsoon: theories
65 Onset, advance and withdrawal of SW monsoon
66 Rainfall distribution and variability in India
67 North-East (retreating) monsoon
68 Monsoon in Andhra Pradesh and its agricultural importance AP
69 Monsoon forecasting and recent monsoon performance NEW

## Natural Vegetation — 8

70 World biomes and natural vegetation zones
71 Forest types of India (Champion and Seth classification)
72 India State of Forest Report 2023: key findings NEW
73 Forest conservation laws and programmes
74 Forests and natural vegetation of Andhra Pradesh AP
75 Shola, grasslands and alpine vegetation of India
76 Biodiversity hotspots and endemic flora of India
77 Sacred groves, community forests and forest produce

## Parks and Sanctuaries — 12

78 Protected area categories under Wildlife Protection Act 1972
79 Major national parks of India: state-wise matching
80 Tiger reserves and Project Tiger
81 Biosphere reserves of India
82 Ramsar sites and wetland conservation in India NEW
83 Elephant reserves, Project Elephant and other species programmes
84 National parks and tiger reserve of Andhra Pradesh AP
85 Wildlife sanctuaries of AP: species-based matching AP
86 Bird sanctuaries and wetlands of AP: Kolleru, Pulicat, Nelapattu AP
87 Famous wildlife sanctuaries of India: species matching
88 Marine protected areas and UNESCO natural heritage sites
89 State symbols and threatened species of Andhra Pradesh AP

## Major Soil Types — 7

90 Soil formation, profile and world soils
91 ICAR classification and alluvial soils of India
92 Black (regur) soils
93 Red, laterite, arid, saline, peaty and forest soils
94 Soil degradation, erosion and conservation
95 Soils of Andhra Pradesh: distribution and crops AP
96 Problem soils and land reclamation in India

## Rocks and Minerals — 9

97 Rocks: igneous, sedimentary and metamorphic; rock cycle
98 Geological structure and rock systems of India
99 Metallic minerals of India: iron ore, manganese, bauxite, copper
100 Non-metallic and atomic minerals of India
101 Energy minerals of India: coal, petroleum, natural gas
102 Minerals of Andhra Pradesh: distribution and rankings AP
103 World distribution of major minerals and fuels
104 Mineral belts of India and state-wise leadership
105 Mining laws and mineral policy reforms NEW

# D3 Social Geography: World, India & AP

39 subtopics | 9 AP | 5 current

**Syllabus:** 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.

## World Population: Distribution, Density and Growth — 4

1. World population distribution and density
2. World population growth and milestones
3. Demographic transition theory and population theories
4. World demographic indicators: sex ratio, ageing and literacy

## India: Population Size, Distribution, Density and Growth — 5

5. Census in India: history and organisation
6. Census 2027: first digital census with caste enumeration NEW
7. India's population size and growth: Census 2011
8. Population distribution and density in India
9. Fertility, mortality and NFHS-5 indicators

## India: Sex Ratio and Literacy — 4

10. Sex ratio in India: Census 2011
11. Measures for sex ratio: PCPNDT Act and Beti Bachao Beti Padhao
12. Literacy in India: Census 2011
13. Literacy programmes and education indicators NEW

## India: Occupational Structure — 2

14. Workers in Census 2011: main, marginal and non-workers
15. Sectoral occupational structure and labour force (PLFS) NEW

## India: SC and ST Population — 3

16. Scheduled Caste population: distribution
17. Scheduled Tribe population: distribution
18. Tribal groups of India: major tribes and PVTGs

## India: Rural-Urban Components and Urbanization — 5

19. Rural-urban composition and definition of urban
20. Urbanisation trends and classification of towns
21. Metropolitan regions and million-plus cities
22. Urban development schemes in India NEW
23. World urbanisation and global cities

## Racial, Religious and Linguistic Groups — 4

24. Racial groups of the world and India
25. Religious composition of India: Census 2011
26. Linguistic groups and language families of India
27. Linguistic states and language movements

## Migration — 3

28. Migration in India: types, streams and causes
29. International migration and Indian diaspora NEW
30. Internal migration issues and policy

## Andhra Pradesh: Demography — 9

31. AP population, density and growth: Census 2011 AP
32. AP sex ratio and child sex ratio AP
33. Literacy in Andhra Pradesh AP
34. Occupational structure of Andhra Pradesh AP
35. SC population of Andhra Pradesh AP
36. ST population and tribes of Andhra Pradesh AP
37. PVTGs and tribal culture of Andhra Pradesh AP
38. Urbanisation and metropolitan regions of Andhra Pradesh AP
39. Religious, linguistic and migration profile of AP AP

# D4 Economic Geography: World, India & AP

67 subtopics | 28 AP | 10 current

**Syllabus:** 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.

## Sectors of Economy: World and India (4)

1. Primary, secondary, tertiary and quaternary sectors: concept and examples
2. Structural change of the Indian economy: sectoral share in GDP and employment
3. World economy: major sectors and leading economies by sector
4. National income concepts: GDP, GVA, NNP, per capita income and measurement

## Agriculture in India (8)

5. Salient features of Indian agriculture and its role in the economy
6. Cropping seasons, major crops and leading producing states
7. Commercial and plantation crops: tea, coffee, rubber, jute, spices
8. Land reforms, tenancy and agrarian structure in India
9. Green Revolution, White Revolution and other colour revolutions
10. Irrigation, MSP, procurement and food security institutions
11. Agricultural policy, credit and schemes: PM-KISAN, KCC, PMFBY, Agri Infra Fund NEW
12. Agricultural issues: marketing, subsidy, farm distress, climate and technology NEW

## Agriculture in Andhra Pradesh (9)

13. AP agriculture profile: land use, soils, seasons and agro-climatic zones AP
14. Rice in AP: area, leading districts and rice bowl delta AP
15. Commercial crops of AP: cotton, chilli, tobacco, sugarcane and leading districts AP
16. Horticulture in AP: mango, banana, citrus, oil palm, cashew and coconut AP
17. Pulses, oilseeds, millets and other crops of AP AP
18. Fisheries and aquaculture in AP AP
19. Livestock, dairy and poultry in AP AP
20. Irrigation projects of AP: Godavari, Krishna and Rayalaseema AP
21. Agricultural policies and recent initiatives of AP NEW

## Industry and Services: Salient Features (5)

22. Industrial development in India: phases, Industrial Policy Resolutions and 1991 reforms
23. MSMEs: classification, schemes and issues
24. Production linked incentive, industrial corridors and manufacturing missions NEW
25. Services sector of India: IT-BPM, telecom, tourism, banking and trade
26. Services sector issues and AP services: IT, tourism, health and education AP

## Basic Industries: Agro-based Industries (4)

27. Cotton textile and jute industry: location, centres and issues
28. Sugar and edible oil industry in India
29. Food processing industry: policy and schemes
30. Agro-industries of AP: rice milling, food parks, tobacco, spices and aqua processing AP

## Basic Industries: Mineral-based Industries (4)

31. Iron and steel industry in India: plants and locations
32. Cement, aluminium, copper and fertiliser industries
33. Mineral resources of India: distribution and mining policy
34. Visakhapatnam Steel Plant and other iron and steel units in AP AP

## Basic Industries: Fuel and Forest-based Industries — 6

35 Coal industry and thermal power in India
36 Petroleum and natural gas industry of India
37 Power sector and renewable energy in India NEW
38 Forest-based industries: paper, plywood, lac, tendu and bamboo
39 Fuel and power sector in AP: thermal, solar, wind and gas AP
40 Forest resources and forest-based industries of AP AP

## Basic Industries: Manpower-based Industries — 3

41 Manpower-based industries: handloom, handicrafts, textiles and leather
42 Electronics, IT hardware and gems and jewellery as employment sectors
43 Manpower-based industries of AP: textiles, handlooms and handicrafts AP

## Industries of Andhra Pradesh — 6

44 AP industrial profile: major industries, clusters and policy NEW
45 Industrial corridors, SEZs and nodes in AP AP
46 Electronics, automobile, pharma and IT industries in AP AP
47 Defence, shipbuilding, petroleum and public sector units in AP AP
48 Mineral wealth of AP: barytes, limestone, mica, asbestos and others AP
49 Beach sands, lignite, oil, gas and stone: AP mineral map AP

## Transport: Roads, Railways, Ports, Airways, Waterways in India — 5

50 Roadways in India: national highways, expressways and schemes
51 Indian Railways: network, zones, corridors and recent developments
52 Ports and shipping in India: major ports and Sagarmala
53 Civil aviation in India: airports, policy and UDAN NEW
54 Urban transport and logistics: metro, PM Gati Shakti and national logistics policy NEW

## Transport in Andhra Pradesh — 7

55 National highways of AP: major NH numbers and corridors AP
56 Roads, APSRTC and state transport network of AP AP
57 Railways in AP: zones, divisions and important junctions AP
58 Ports of AP: Visakhapatnam, Gangavaram, Krishnapatnam, Kakinada AP
59 New ports and port-led development in AP AP
60 Airports of AP and regional connectivity AP
61 Waterways and coastal shipping in AP AP

## Trade: Pattern and Issues — 6

62 India's foreign trade: composition, direction and balance of trade
63 Trade policy: FTP, SEZ, EXIM and export promotion
64 International trade institutions and agreements: WTO, FTAs and India NEW
65 Domestic trade: retail, wholesale, e-commerce and GST NEW
66 Foreign trade and exports of Andhra Pradesh AP
67 Internal trade and markets of AP: APMCs, trade centres and issues AP

IAS WITH DR RAVI
AIM. PREPARE. ACHIEVE

APPSC GROUP-I PRELIMS

# Paper II
## General Aptitude

| 1151 | 25 | 189 | 396 |
|---|---|---|---|
| subtopics | units | AP-specific | current |

| | | |
|---|---|---|
| Section A | General Mental and Psychological Abilities | 296 |
| Section B | Science and Technology | 360 |
| Section C | Current Events of Regional, National and International Importance | 495 |

# Section A · General Mental and Psychological Abilities

## A1 Logical Reasoning & Analytical Ability

35 subtopics

**Syllabus:** Logical Reasoning and Analytical Ability.

### Syllogisms — 3

1. Syllogisms: four proposition types and Venn diagram method
2. Syllogisms: possibility and 'only a few' type questions
3. Syllogisms: rule-based method using distribution of terms

### Statement-based Critical Reasoning — 10

4. Statement and assumptions: identifying implicit assumptions
5. Statement and conclusions: deriving definite inferences
6. Statement and arguments: strong versus weak arguments
7. Statement and courses of action: practical follow-up steps
8. Cause and effect: independent, common and immediate causes
9. Inferences from passage: five-grade truth scale
10. Assertion and Reason: truth and correct explanation
11. Strengthening and weakening arguments
12. Conditional statements: if-then, only if, unless
13. Truth-teller and liar puzzles

### Seating Arrangement — 4

14. Linear seating arrangement: single row facing one direction
15. Linear arrangement: two parallel rows facing each other
16. Circular arrangement: all persons facing the centre
17. Circular and square tables with mixed facing directions

### Puzzles — 4

18. Floor and building puzzles
19. Scheduling puzzles: days of week, months and dates
20. Multi-variable grid puzzles: person, profession, colour, city
21. Selection and team-formation puzzles with conditions

### Direction Sense — 2

22. Direction sense: final direction and shortest distance
23. Direction sense: shadows and coded directions

### Ranking and Ordering — 3

24. Ranking from left/right and top/bottom
25. Ordering by comparison: height, weight, age, marks
26. Coded inequalities and symbol-based comparisons

### Input-Output — 2

27. Input-output: word and number rearrangement machine
28. Input-output: operation-based machine patterns

### Analogy and Classification — 5

29. Word analogy: relationship types
30. Number and letter analogy
31. Figural (non-verbal) analogy
32. Classification: odd word out
33. Classification: odd number and letter group out

### Order and Alphabet Tests — 2

34 Alphabet test: letter positions and word formation
35 Logical sequence of words and dictionary order

## A2 Number Series, Coding–Decoding

21 subtopics

**Syllabus:** Number Series, Coding - Decoding.

### Number Series — 9

1 Number series: difference-based patterns
2 Number series: multiplication, division and mixed operations
3 Number series: squares, cubes and their variations
4 Number series: prime number based series
5 Alternate and interleaved series
6 Fibonacci-type and sum-of-previous-terms series
7 Wrong number in a series
8 Arithmetic and geometric progressions in series
9 Missing number in figures, grids and matrices

### Letter and Alpha-numeric Series — 4

10 Letter series: positional skips and reverse order
11 Repeating letter pattern series: fill the blanks
12 Combined letter-number series (A1, C3, F6)
13 Alpha-numeric-symbol sequence: position-based questions

### Coding-Decoding — 8

14 Letter coding: forward and backward shift
15 Letter coding: opposite letters and reverse order
16 Letter coding: rearrangement and jumbled positions
17 Number coding of words using letter values
18 Substitution coding
19 Sentence coding: common-word method
20 Conditional letter-digit and symbol coding
21 Number-to-letter coding and decoding of numbers

## A3 Blood Relations

9 subtopics

**Syllabus:** Problems Related to Relations.

### Blood Relations — 9

1 Basic relationship terms and family tree notation
2 Pointing to a photograph type problems
3 Conversation-based blood relations ('X said to Y')
4 Puzzle-type family problems with multiple statements
5 Coded blood relations (A + B means A is father of B)
6 Gender ambiguity and 'cannot be determined' cases
7 Generation-based relations: grandparent and only-child cases
8 Counting males, females and members in a family
9 Blood relations combined with professions and arrangement

## A4 Shapes, Sub-sections & Venn Diagrams

20 subtopics

**Syllabus:** Shapes and their Sub-sections, Venn Diagram.

### Counting of Figures — 3

1 Counting triangles in figures
2 Counting squares and rectangles in grids
3 Counting straight lines, circles and other shapes

### Shapes and Sub-sections — 2

4 Shapes and their sub-sections: dividing and forming figures
5 Lines of symmetry of common shapes

### Cubes and Dice — 4

6 Cube cutting and painting: number of painted faces
7 Cubes painted with different colours on faces
8 Dice: opposite faces from multiple positions
9 Dice and cubes from unfolded nets

### Paper Folding and Cutting — 2

10 Paper folding and punching/cutting
11 Paper folding: folded appearance of a sheet

### Mirror and Water Images — 2

12 Mirror images of letters, numbers and figures
13 Water images of letters, numbers and figures

### Embedded Figures and Figure Series — 5

14 Embedded (hidden) figures
15 Figure completion and pattern completion
16 Figure series: rotation-based patterns
17 Figure series: addition, deletion and mixed changes
18 Figure matrix (3×3 non-verbal grids)

### Venn Diagram — 2

19 Venn diagrams: representing relationships among classes
20 Venn diagrams: reading regions and numerical set problems

## A5 Clocks, Calendar & Age

16 subtopics

**Syllabus:** Problems based on Clocks, Calendar and Age.

### Clocks — 6

1 Clocks: angle between hands
2 Clocks: hands coinciding, opposite and at right angles
3 Clocks: time when hands make a given angle
4 Clocks: faulty clocks gaining or losing time
5 Clocks: mirror and water images of clock time
6 Clock striking and bell interval problems

### Calendar — 6

7 Calendar: odd days, leap years and century odd days
8 Calendar: day of the week for a given date
9 Calendar: day after N days and relative-day questions
10 Calendar: repetition of calendars
11 Calendar: counting weekdays in a month or year
12 Calendar: date-based reasoning puzzles

### Age — 4

13 Age problems: present, past and future equations
14 Age problems: ratio-based ages
15 Age problems: average age of group with joining or leaving members
16 Age problems: product, sum and digit reversal of ages

## A6 Number System & Order of Magnitude

18 subtopics

**Syllabus:** Number system and order of Magnitude.

### Classification of Numbers — 3

1. Classification of numbers: natural, whole, integers, rational, irrational, real
2. Prime, composite and co-prime numbers
3. Even, odd numbers and properties of operations

### Divisibility and Remainders — 5

4. Divisibility rules from 2 to 19
5. Remainder theorem and remainders of large expressions
6. Unit digit of powers and products (cyclicity)
7. Number of factors and sum of factors
8. Trailing zeros and highest power of a prime in n!

### Fractions, Decimals and Digits — 6

9. Decimal fractions and conversion of recurring decimals
10. Comparison and ordering of fractions
11. Place value, face value and digit-based number problems
12. Sums of natural numbers, squares, cubes and odd numbers
13. Fast multiplication and calculation shortcuts
14. Counting digits used in numbering and digits in a power

### Order of Magnitude — 4

15. Order of magnitude and scientific notation
16. Indian and international number systems; SI prefixes
17. Approximation, rounding off and significant figures
18. Comparing magnitudes of large powers, surds and fractions

## A7 Ratio, Proportion & Variation

14 subtopics

**Syllabus:** Ratio, proportion and variation.

### Ratio and Proportion — 5

1. Ratio basics: compound, duplicate, sub-duplicate and inverse ratios
2. Proportion: mean, third and fourth proportional
3. Dividing a quantity in a given ratio and changing ratios
4. Income, expenditure and savings ratio problems
5. Coins and notes in a ratio

### Variation — 2

6. Direct, inverse and joint variation
7. Chain rule: unitary method with direct and indirect proportion

### Partnership — 3

8. Simple partnership: profit in ratio of capital
9. Compound partnership: capital multiplied by time
10. Partnership with working partner salary or commission

### Mixtures and Alligation — 4

11. Rule of alligation: mean price of mixture
12. Mixing solutions: concentration and milk-water problems
13. Repeated replacement of a liquid
14. Mixture with profit: dishonest milkman type

## A8 Mean, Median, Mode & Weighted Mean

10 subtopics

**Syllabus:** Central Tendencies - mean, median, mode - including weighted mean.

### Mean

6

1. Arithmetic mean: definition and properties
2. Mean of grouped data: direct, assumed mean and step deviation
3. Weighted mean and combined mean of groups
4. Average problems: replacement, inclusion and exclusion
5. Average of consecutive numbers and average speed
6. Batting average, runs and correction of wrongly recorded data

### Median and Mode

4

7. Median of ungrouped and grouped data
8. Mode of ungrouped and grouped data
9. Relationship between mean, median and mode; skewness
10. Geometric mean, harmonic mean and AM-GM-HM relation

## A9 Powers, Roots, HCF & LCM

14 subtopics

**Syllabus:** Power and exponent, Square, Square Root, Cube Root, H.C.F. and L.C.M.

### Powers, Exponents and Surds

3

1. Laws of indices
2. Exponential equations and comparing powers
3. Surds: simplification and rationalisation

### Squares and Square Roots

3

4. Squares: properties and quick squaring methods
5. Square root by prime factorisation and long division
6. Square roots of fractions, nested and infinite radicals

### Cubes and Cube Roots

2

7. Cubes and cube roots: properties and unit-digit method
8. Smallest multiplier or divisor for perfect square or cube

### HCF and LCM

6

9. HCF and LCM: factorisation and division methods
10. HCF and LCM of fractions and decimals
11. Greatest number dividing with same or given remainders
12. Least number leaving given remainders
13. LCM applications: bells, lights and runners meeting together
14. HCF applications: tiles, rows and equal grouping

## A10 Percentage, SI & CI, Profit & Loss

22 subtopics

**Syllabus:** Percentage, Simple and Compound Interest, Profit and loss.

### Percentage — 7

1. Percentage basics and fraction-percent equivalents
2. 'More than' and 'less than' percentage comparisons
3. Successive percentage changes
4. Price change and consumption adjustment
5. Population growth and depreciation
6. Percentage in elections, examinations and expenditure
7. Percentage change in area and volume from dimension changes

### Simple Interest — 2

8. Simple interest: formula, amount and doubling time
9. Simple interest: varying rates and instalments

### Compound Interest — 5

10. Compound interest: annual compounding and amount
11. Compound interest: half-yearly and quarterly compounding
12. Difference between CI and SI for 2 and 3 years
13. Compound interest: different yearly rates, doubling and tripling
14. Compound interest: equal instalments and present worth

### Profit and Loss — 8

15. Profit and loss basics: CP, SP, profit % and loss %
16. Marked price, discount and successive discounts
17. Same SP with equal percentage gain and loss
18. Dishonest dealer: false weights and measures
19. Articles relation: CP of x articles = SP of y articles
20. Successive transactions and chain selling
21. Offers and schemes: buy n get m free, markup with discount
22. True discount and banker's discount

## A11 Time & Work, Time & Distance

20 subtopics

**Syllabus:** Time and Work, Time and Distance, Speed and Distance.

### Time and Work — 5

1. Time and work basics: unit and LCM methods
2. Efficiency ratio and men-women-children equivalence
3. Alternate days working and persons leaving or joining midway
4. Men-days-hours-work formula (M1D1H1/W1 = M2D2H2/W2)
5. Work and wages

### Pipes and Cisterns — 2

6. Pipes and cisterns: filling, emptying and leaks
7. Pipes and cisterns: alternate opening and closing after time

### Speed, Time and Distance — 6

8. Speed-distance-time basics and unit conversion
9. Average speed
10. Relative speed: same and opposite directions
11. Late and early arrival problems
12. Meeting point problems and after-meeting times
13. Stoppage time and speed with stoppages

### Trains (2)

14 Trains crossing a pole, man or platform
15 Two trains crossing each other

### Boats and Streams (2)

16 Boats and streams: upstream and downstream speeds
17 Boats and streams: round trip time and average speed

### Races (3)

18 Races: head start, beats by distance and time
19 Circular track races and meeting points
20 Games of points (billiards) and three-person races

## A12 Area, Perimeter, Volume & Surface Area

13 subtopics

**Syllabus:** Area and Perimeter of Simple Geometrical Shapes, Volume and Surface Area of Sphere, Cone, Cylinder, Cubes and Cuboids.

### Area and Perimeter: Plane Figures (6)

1 Triangle: area, perimeter and Heron's formula
2 Rectangle and square: area, perimeter, diagonal and paths
3 Parallelogram, rhombus and trapezium areas
4 Circle: circumference, area, sector and arc
5 Circle applications: wheels, rings and inscribed/circumscribed figures
6 Shaded regions and percentage change in area

### Volume and Surface Area: Solids (7)

7 Cube and cuboid: volume, surface area and diagonal
8 Cylinder: volume, curved and total surface area; hollow cylinder
9 Cone and frustum: volume, slant height and surface area
10 Sphere and hemisphere: volume and surface area
11 Melting and recasting of solids
12 Effect of dimension changes on volume and surface area
13 Water flow through pipes, canals and rainfall collection

## A13 Lines, Angles & Geometrical Figures

15 subtopics

**Syllabus:** Lines, angles and common geometrical figures - properties of transverse and parallel lines, properties of triangles, quadrilateral, rectangle, parallelogram and rhombus.

### Lines and Angles (3)

1 Types of angles and angle pairs
2 Parallel lines cut by a transversal
3 Angle problems with multiple parallel lines (zig-zag and bent lines)

### Triangles (7)

4 Triangle angle sum, exterior angle and classification
5 Triangle inequality and side-angle relations
6 Congruence of triangles: criteria
7 Similarity of triangles and basic proportionality theorem
8 Pythagoras theorem and Pythagorean triplets
9 Centres of a triangle: centroid, incentre, circumcentre, orthocentre
10 Special triangles: 30-60-90, 45-45-90 and isosceles properties

### Quadrilaterals and Polygons — 5

11 Quadrilaterals: angle sum and types
12 Parallelogram properties
13 Rectangle, square and rhombus properties
14 Polygons: interior and exterior angles and diagonals
15 Circle basics: chords, tangents and angles

## A14 Algebra: BODMAS & Symbols

10 subtopics

**Syllabus:** Introduction to algebra - BODMAS, simplification of weird symbols.

### BODMAS and Simplification — 3

1 BODMAS/VBODMAS order of operations
2 Simplification of fractions, decimals and continued fractions
3 Algebraic identities for quick simplification

### Weird Symbols and Mathematical Operations — 3

4 Symbol substitution: interchanging operators
5 Defined operations with weird symbols (a * b = a squared + b squared - ab)
6 Balancing equations by interchanging signs or digits

### Equations and Expressions — 4

7 Linear equations in one and two variables
8 Quadratic equations: roots, sum and product
9 Polynomials: factor and remainder theorems; expression values
10 Inequalities and quantity comparison

## A15 Data Interpretation, Sufficiency & Probability

18 subtopics

**Syllabus:** Data interpretation, Data Analysis, Data sufficiency, and concepts of Probability.

### Data Interpretation — 5

1 Data interpretation: tables
2 Data interpretation: bar graphs (simple, multiple, stacked)
3 Data interpretation: line graphs
4 Data interpretation: pie charts
5 Data interpretation: mixed graphs and caselets

### Data Analysis — 2

6 Data analysis: growth rate, CAGR, percentage points
7 Data analysis: approximation and fast calculation in DI

### Data Sufficiency — 3

8 Data sufficiency: standard answer-option framework
9 Data sufficiency: arithmetic and algebra-based questions
10 Data sufficiency: reasoning-based questions

### Probability — 8

11 Probability basics: experiment, sample space and events
12 Probability with coins
13 Probability with dice
14 Probability with playing cards
15 Probability with balls in bags and selections
16 Addition and multiplication rules; mutually exclusive and independent events
17 Odds in favour and against; conditional probability basics
18 Permutations and combinations basics for probability

## A16 Emotional Intelligence

18 subtopics

**Syllabus:** Emotional Intelligence: Understanding and analyzing emotions, Dimensions of emotional intelligence, coping with emotions, empathy and coping with stress.

### Understanding Emotions — 4

1. Emotions: meaning and components
2. Theories of emotion
3. Basic emotions: Ekman and Plutchik
4. Analysing emotions: brain basis and amygdala hijack

### Concept and Models of Emotional Intelligence — 6

5. Origin and development of the EI concept
6. Mayer-Salovey four-branch ability model
7. Goleman's mixed model: five components
8. Bar-On model of emotional-social intelligence
9. Trait EI and measurement of emotional intelligence
10. EI versus IQ; EI in leadership and administration

### Coping with Emotions — 3

11. Emotion regulation: Gross process model
12. Managing anger, anxiety and fear
13. Defence mechanisms (Freud and Anna Freud)

### Empathy — 2

14. Empathy: meaning and types
15. Empathy in public service and situational questions

### Stress and Coping — 3

16. Stress: concept, types and stressors
17. Coping with stress: Lazarus and Folkman model
18. Stress management techniques and personality factors

## A17 Social Intelligence, Decision Making & Personality

23 subtopics

**Syllabus:** Social Intelligence, interpersonal skills, Decision making, Critical thinking, problem solving and Assessment of personality.

### Social Intelligence — 3

1. Social intelligence: Thorndike and Goleman's model
2. Gardner's theory of multiple intelligences
3. Theories and measurement of intelligence

### Interpersonal Skills — 5

4. Interpersonal communication: active listening and non-verbal cues
5. Johari window and self-disclosure
6. Transactional analysis
7. Conflict management styles
8. Teamwork, group dynamics and leadership styles

### Decision Making — 4

9. Decision-making process and rational model
10. Decision-making models and group techniques
11. Cognitive biases and heuristics in decision making
12. Situational decision-making questions in administration

### Critical Thinking — 3

13 Critical thinking: definition, skills and Bloom's taxonomy
14 Deductive vs inductive reasoning and logical fallacies
15 Creative thinking: lateral, divergent and the creative process

### Problem Solving — 3

16 Problem-solving steps and strategies
17 Barriers to problem solving
18 Problem-solving tools: root cause analysis and SWOT

### Assessment of Personality — 5

19 Personality: definitions, type and trait theories
20 Big Five (OCEAN) personality model
21 Myers-Briggs Type Indicator (MBTI)
22 Projective tests of personality
23 Self-report inventories, behavioural assessment and test quality

## Section B · Science and Technology

### B18 Science & Technology: Policy, Institutions, Scientists

64 subtopics · 2 AP · 4 current

**Syllabus:** 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.

### Nature and Scope of Science and Technology — 4

1 Science, technology and innovation: meanings and distinctions
2 Scientific temper and constitutional provisions on science
3 National science days and observances in India
4 India's R&D and innovation indicators NEW

### Everyday Physics — 8

5 Units, measurement and SI system
6 Light in daily life: reflection, refraction, scattering
7 Sound in daily life: echo, ultrasound and noise
8 Heat and temperature in household appliances
9 Electricity and magnetism at home
10 Motion, force and gravity in everyday phenomena
11 Modern technologies in daily use: imaging, lasers, GPS
12 Radioactivity and radioisotopes in daily life

### Everyday Chemistry — 5

13 Acids, bases, salts and pH in daily life
14 Common chemicals, soaps, detergents and alloys
15 Household fuels and their chemistry
16 Polymers, plastics and synthetic materials
17 Chemistry in medicines and cosmetics

### Everyday Biology and Health — 6

18 Nutrients, vitamins and deficiency diseases
19 Human body quick facts frequently asked
20 Communicable diseases and their pathogens
21 Vaccines, antibiotics and immunisation
22 Food preservation, adulteration and food safety
23 Science behind agriculture in daily life

### National Policies on Science, Technology and Innovation — 11

24 Scientific Policy Resolution 1958
25 Technology Policy Statement 1983
26 Science and Technology Policy 2003
27 Science, Technology and Innovation Policy 2013
28 Draft Science, Technology and Innovation Policy (STIP) 2020
29 Anusandhan National Research Foundation (ANRF) Act 2023 NEW
30 Research, Development and Innovation (RDI) Scheme 2025 NEW
31 One Nation One Subscription and other recent S&T initiatives NEW
32 National missions in frontier technologies
33 Innovation ecosystem: AIM, Startup India and incubation
34 Scientific advisory structure of Government of India

### Science Departments and Councils — 10

35 Department of Science and Technology (DST)
36 CSIR: structure, history and achievements
37 CSIR laboratories and their headquarters: physical and chemical sciences
38 CSIR laboratories: life sciences and Hyderabad-based labs
39 CSIR laboratories: engineering and environment
40 Department of Biotechnology (DBT) and its institutes
41 Indian Council of Medical Research (ICMR)
42 Indian Council of Agricultural Research (ICAR)
43 Department of Atomic Energy and its research centres
44 Ministry of Earth Sciences and its institutes

### Research Institutions and Academies — 8

45 IISc, IITs, IISERs and premier research universities
46 Historic research institutes founded by Indian scientists
47 Science academies and science awards in India
48 S&T institutions located in Andhra Pradesh AP
49 Intellectual property rights regime in India
50 Traditional Knowledge Digital Library and biopiracy defence
51 DSIR, standards bodies and technology commercialisation
52 Science communication and popularisation bodies

### Prominent Indian Scientists — 12

53 Ancient Indian scientists and mathematicians
54 C.V. Raman and the Raman Effect
55 Indian-origin Nobel laureates in science
56 Homi Bhabha and Vikram Sarabhai
57 Ramanujan, S.N. Bose, Meghnad Saha and J.C. Bose
58 A.P.J. Abdul Kalam, Satish Dhawan and space leaders
59 Agricultural and dairy scientists
60 Women scientists of India
61 Other notable Indian scientists and their contributions
62 Medical scientists and public health pioneers
63 Physicists, astronomers and technologists of modern India
64 Scientists from Andhra Pradesh and Telugu region AP

## B19 ICT, E-Governance & Cyber Security

49 subtopics · 2 AP · 14 current

**Syllabus:** 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.

### Nature and Scope of ICT — 10

1 ICT: meaning, components and scope
2 Generations and history of computers
3 Computer hardware, memory and software basics
4 Internet: history, architecture and protocols
5 Computer networks: types, topologies and devices
6 Wireless and short-range communication technologies
7 Mobile generations: 1G to 5G and 6G vision NEW
8 Emerging technologies: AI, IoT, blockchain, AR/VR
9 Cloud computing, big data and supercomputing
10 Quantum computing and quantum communication basics NEW

### ICT in Day-to-Day Life — 7

11 Digital payments ecosystem and NPCI products
12 UPI international expansion and CBDC NEW
13 E-commerce and ONDC
14 ICT in health: telemedicine and digital health mission
15 ICT in education and skilling
16 ICT in agriculture, transport and daily services
17 Social media, OTT and digital media in daily life

### ICT and Industry — 7

18 Indian IT-BPM industry and software exports
19 Electronics manufacturing policies and PLI schemes NEW
20 India Semiconductor Mission and chip manufacturing NEW
21 IndiaAI Mission and AI governance NEW
22 Industry 4.0 and digital transformation of manufacturing
23 Telecom sector: regulation and laws NEW
24 Andhra Pradesh IT and electronics initiatives AP

### ICT and Governance: Schemes and E-Governance — 11

25 Evolution of e-Governance in India
26 Digital India programme
27 Aadhaar and UIDAI
28 JAM trinity and Direct Benefit Transfer
29 Digital Public Infrastructure (India Stack) NEW
30 BharatNet and rural connectivity
31 Government ICT platforms for services and accountability
32 Digital land records and property mapping
33 ICT in policing and justice NEW
34 Andhra Pradesh: Real Time Governance and WhatsApp governance AP
35 Digital literacy and inclusion schemes

### Netiquettes and Digital Citizenship — 3

36 Netiquettes: rules of online behaviour
37 Email, social media and online meeting etiquette
38 Digital footprint, privacy and responsible use

### Cyber Security Concerns — 11

39 Types of malware and cyber attacks
40 Cybercrimes and frauds affecting citizens NEW
41 Information Technology Act 2000 and amendments
42 IT Rules 2021 and intermediary regulation NEW
43 National Cyber Security Policy 2013 and strategy
44 CERT-In and NCIIPC
45 Indian Cyber Crime Coordination Centre (I4C) and reporting NEW
46 Digital Personal Data Protection Act 2023 NEW
47 Defence and critical sector cyber security
48 International cooperation on cybercrime NEW
49 Cyber hygiene and personal safety practices

## B20 Space & Defence Technology

67 subtopics · 5 AP · 16 current

**Syllabus:** Technology in Space & Defence: Evolution of Indian Space Programme; Indian Space Research Organization (ISRO) - its activities and achievements; Various Satellite Programmes - Satellites for Telecommunication, Indian Regional Navigation Satellite System (IRNSS), Indian Remote Sensing (IRS) Satellites; Satellites for defence, EDUSAT or Satellites for academic purposes; Defence Research and Development Organization (DRDO) - vision, mission and activities.

### Evolution of Indian Space Programme — 6

1 Origins: INCOSPAR, Thumba and early rocketry
2 ISRO, Department of Space and Space Commission
3 ISRO chairmen in sequence
4 Milestone early satellites Aryabhata to INSAT
5 ISRO centres and units and their locations
6 Indian Space Policy 2023 and space-sector reforms

### Sriharikota and Andhra Pradesh in Space — 3

7 SDSC SHAR Sriharikota - location and history AP
8 Sriharikota milestones and private presence AP
9 NARL Gadanki and other space facilities in AP AP

## Launch Vehicles — 7

10 Rocket propulsion basics - solid, liquid, cryogenic
11 SLV-3 and ASLV
12 PSLV - configurations and landmark missions
13 GSLV and indigenous cryogenic technology
14 LVM3 (GSLV Mk III) and CE-20 engine
15 SSLV - small satellite launch vehicle
16 Reusable, semi-cryogenic and future launchers

## Planetary and Scientific Missions — 11

17 Chandrayaan-1
18 Chandrayaan-2
19 Chandrayaan-3
20 Mars Orbiter Mission (Mangalyaan)
21 Aditya-L1 solar mission
22 AstroSat and XPoSat - space astronomy NEW
23 Future lunar and interplanetary missions NEW
24 Gaganyaan human spaceflight programme NEW
25 Indian astronauts and Axiom-4 mission NEW
26 NISAR - NASA-ISRO radar mission NEW
27 SpaDeX docking mission NEW

## IN-SPACe, NSIL and the Private Space Sector — 3

28 IN-SPACe
29 NSIL and Antrix
30 Private space start-ups NEW

## Telecommunication Satellites — 4

31 Geostationary orbit and communication satellite basics
32 INSAT system
33 GSAT series and high-throughput satellites NEW
34 South Asia Satellite and satellite diplomacy

## Navigation Satellites — 3

35 IRNSS/NavIC - constellation, services and coverage
36 NavIC second-generation NVS series AP
37 GPS, GAGAN and global navigation systems

## Remote Sensing Satellites — 3

38 IRS series and Resourcesat, Cartosat
39 RISAT, Oceansat and EOS series NEW
40 Weather satellites, Bhuvan and applications

## Defence and Strategic Space Assets — 4

41 Military communication satellites GSAT-7 series
42 Military surveillance satellites and EMISAT
43 Mission Shakti and defence space agencies
44 Space situational awareness and debris

## Educational Satellites — 3

45 EDUSAT (GSAT-3)
46 Early development communication experiments
47 Student and university satellites

## DRDO — 6

48 DRDO - establishment, vision, mission
49 DRDO laboratories and their specialities
50 DRDO's major achievements
51 DRDO and the Andhra Pradesh defence landscape AP
52 Defence reforms and indigenisation policies NEW
53 Chief of Defence Staff, Agnipath and theatre commands NEW

### Missiles and Strategic Weapons — 7

54 Integrated Guided Missile Development Programme (IGMDP)
55 Ballistic missiles Prithvi and Agni series NEW
56 Submarine-launched and cruise missiles NEW
57 Surface-to-air and ballistic missile defence NEW
58 Air-to-air, anti-tank and rocket systems
59 India's nuclear weapons programme
60 Test ranges and facilities

### Defence Platforms — 5

61 Naval platforms - carriers and submarines
62 Naval surface combatants
63 Fighter aircraft and helicopters
64 Army platforms and artillery
65 Drones and emerging defence technologies NEW

### International Space Cooperation and Law — 2

66 International space cooperation NEW
67 Outer space treaties and space law

## B21 Energy: Needs, Policy, Solar, Wind, Nuclear

39 subtopics · 10 AP · 6 current

**Syllabus:** 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.

### Energy Requirement, Deficit and Efficiency — 6

1 India's energy demand, consumption pattern and deficit
2 Installed capacity, generation mix and energy security NEW
3 Energy efficiency institutions and programmes
4 Energy units, conversion and measurement
5 Power sector structure and AP power utilities AP
6 Energy efficiency in buildings and industry

### India's Energy Resources and Dependence — 8

7 Coal resources and policy
8 Crude oil, refineries and import dependence AP
9 Natural gas, LNG and city gas
10 Hydropower and pumped storage AP
11 Biomass, biofuels and ethanol
12 Geothermal, tidal, ocean and offshore wind
13 Energy imports, geopolitics and pipelines NEW
14 Offshore and deepwater oil and gas - KG basin and AP AP

### Energy Policy of India - Government Policies and Programmes — 9

15 Policy framework - Electricity Act, Integrated Energy Policy
16 Electrification and distribution schemes
17 Clean cooking and fuel subsidy schemes
18 India's renewable targets and international commitments
19 National Green Hydrogen Mission and AP green hydrogen AP
20 Energy storage and EV policy NEW
21 Carbon market and green financing policy NEW
22 Solar and wind auction institutions
23 Coal phase-down and just transition issues

### Solar Energy — 5

24 Solar technology, mission and capacity
25 Major solar parks of India
26 Solar energy in Andhra Pradesh AP
27 Solar thermal, cities and decentralised applications
28 International Solar Alliance

### Wind Energy and Storage — 3

29 Wind energy in India
30 Wind energy in Andhra Pradesh AP
31 Pumped storage and integrated renewable projects in AP AP

### Nuclear Energy — 6

32 Atomic energy institutions and three-stage programme
33 Operational nuclear power plants
34 Nuclear policy, civil liability and recent mission NEW
35 Fuel resources - uranium and thorium AP
36 Kovvada nuclear project and other new sites AP
37 Nuclear safety and regulation

### Energy Concepts and Indicators — 2

38 Renewable versus non-renewable energy concepts
39 Energy transition indices and global rankings NEW

## B22 Environment, Biodiversity, Climate Change & Biotechnology

141 subtopics · 13 AP · 18 current

**Syllabus:** 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.

### Ecology and Environmental Concepts — 6

1 Ecosystem structure, food chain and energy flow
2 Biogeochemical cycles
3 Ecological succession and species interactions
4 Species roles - keystone, flagship, umbrella and indicator species
5 Sustainable development, ecological footprint and planetary boundaries
6 Environmental indices and reports NEW

### Major Environmental Issues and Concerns — 5

7 Deforestation, land degradation and desertification
8 Solid waste, plastic and e-waste
9 Hazardous chemicals and waste management
10 Marine, coastal and urban environmental issues
11 Environmental issues in Andhra Pradesh AP

### Pollution - Air, Water, Noise, Soil and Others — 9

12 Air pollutants and their sources
13 National Air Quality Index and indices
14 National Clean Air Programme and air-quality governance NEW
15 Water pollution - indicators and sources
16 Namami Gange and river rejuvenation
17 Noise pollution
18 Soil, pesticide pollution and bioaccumulation
19 Thermal, radioactive, light and marine pollution
20 Acid rain, ozone depletion and the Montreal Protocol

### Environmental Hazards and Disasters — 5

21 Natural and man-made hazards classification
22 Bhopal gas tragedy and industrial disasters
23 Global environmental disasters
24 Earthquakes, volcano and tsunamis as hazards
25 Landslides, floods and cyclones in India AP

### Environment Law in India - Constitution, Acts and Courts — 11

26 Constitutional provisions on environment
27 Environment (Protection) Act 1986 and rules
28 Environmental Impact Assessment and clearances
29 Water and Air Acts and Jan Vishwas decriminalisation NEW
30 Coastal Regulation Zone and eco-sensitive zones
31 National Green Tribunal
32 Principles of environmental jurisprudence
33 Landmark environment cases
34 Environment institutions and governance in India
35 Eco-labelling, Green Credit and environmental programmes NEW
36 Environmental movements in India

## International Environmental Conferences and Treaties — 9

37 Stockholm 1972, Brundtland and Rio Summits
38 Ramsar Convention on Wetlands
39 CITES, CMS and World Heritage Convention
40 Convention on Biological Diversity and its protocols
41 UNCCD and desertification
42 Chemicals and waste conventions
43 Marine and polar conventions NEW
44 Global environmental organisations and funds
45 Environmental days and themes

## Biodiversity - Concepts and Importance — 7

46 Levels, measurement and patterns of biodiversity
47 Importance of biodiversity and ecosystem services
48 Biodiversity hotspots and megadiverse nations
49 India's flora and fauna statistics
50 Threats to biodiversity
51 IUCN Red List and species classification
52 Wild Life Protection Act schedules

## Biodiversity Conservation and Governance — 8

53 Protected areas network of India
54 Biosphere reserves and sacred groves
55 Ex situ conservation
56 Biodiversity governance - NBA, BMC and heritage sites NEW
57 Traditional knowledge, IPR and biopiracy
58 UNESCO natural World Heritage sites of India
59 Wetlands and mangroves of India
60 Coral reefs, seagrass and marine biodiversity

## Biodiversity of Andhra Pradesh — 3

61 Biodiversity of Andhra Pradesh - parks, sanctuaries and reserves AP
62 Kolleru, Pulicat and AP coastal wetlands and mangroves AP
63 Red sanders and endemic flora and fauna of AP AP

## Forest and Wildlife - Legal Framework and Conservation Programmes — 12

64 Forest policy and Forest Acts
65 Forest (Conservation) Amendment Act 2023 NEW
66 Forest Rights Act 2006 and PESA 1996
67 Wild Life (Protection) Act 1972 and 2022 Amendment
68 State of Forest Report and forest cover NEW
69 Forests and forest governance in Andhra Pradesh AP
70 CAMPA and compensatory afforestation
71 Joint Forest Management and community conservation
72 Project Tiger and tiger conservation
73 Project Elephant, Cheetah and species recovery programmes
74 Species conservation - lion, rhino, GIB, turtles
75 Wildlife habitats of Eastern and Western Ghats AP

## Climate Change - Science and Impacts — 8

76 Greenhouse effect, GHGs and global warming potential
77 IPCC and its reports NEW
78 Climate change evidence and tipping points
79 Climate change impacts on India
80 Climate change and Andhra Pradesh AP
81 Carbon emissions - sources, footprints and sinks
82 Carbon markets, Article 6 and CBAM NEW
83 Carbon capture, geoengineering and net zero

## International Climate Initiatives - UNFCCC, Kyoto and Paris — 9

84 UNFCCC 1992 and COP process
85 Kyoto Protocol
86 COPs from Bali to Warsaw
87 Paris Agreement 2015
88 Glasgow, Sharm el-Sheikh and Dubai COPs NEW
89 Baku and Belem COPs NEW
90 Climate finance and funds
91 Other international climate groupings and initiatives
92 Ozone, HFC and climate-related protocols

## India's Climate Commitments and National Action Plans — 7

93 India's INDC 2015 and updated NDC 2022
94 Panchamrit and net zero 2070
95 Mission LiFE and climate reporting
96 National Action Plan on Climate Change (NAPCC)
97 Eight missions of NAPCC and nodal ministries
98 State Action Plans on Climate Change AP
99 Green India Mission and national adaptation initiatives

## Disaster Management in India - Policy and National Action Plans — 8

100 Disaster Management Act 2005 and institutions NEW
101 National Disaster Management Plan and Sendai Framework
102 Disaster funds and response forces
103 Andhra Pradesh disaster management AP
104 Hazard profile and early warning
105 Chemical, biological and nuclear disasters
106 Recent Indian disasters NEW
107 Climate-resilient infrastructure and CDRI

## Biotechnology - Nature, Scope and Applications — 12

108 Biotechnology - definition, branches and tools
109 PCR, electrophoresis and DNA fingerprinting
110 Tissue culture, stem cells and cloning
111 Gene therapy, CRISPR and genome editing NEW
112 Genetically modified crops in India NEW
113 Biosafety regulation - GEAC, RCGM and Cartagena
114 Biofertilisers, biopesticides and bioremediation
115 Andhra Pradesh natural farming and agri-biotech AP
116 Vaccines and biologics - Hyderabad hub
117 Genomics, bioinformatics and Human Genome Project
118 Biotechnology institutions and Hyderabad-AP ecosystem AP
119 Biotechnology policy - BioE3, Bio-RIDE and strategies NEW

## Ethical, Social and Legal Issues in Biotechnology — 4

120 Biopiracy, patents and farmers' rights
121 Bioethics - cloning, germline editing, designer babies
122 Assisted reproduction, surrogacy and organ laws
123 Social concerns - GM food, labelling and biodiversity

## Nanotechnology — 5

124 Nanotechnology basics and tools
125 Nanomaterials - CNTs, fullerene, graphene, quantum dots
126 Applications of nanotechnology
127 Nano Mission and government policy
128 Nano risks, ethics and regulation

## Genetic Engineering and Its Impact on Human Life — 4

129 Genetic disorders and national missions
130 Recombinant products and GM organisms
131 Genetic engineering risks and human impact
132 Genetic engineering in medicine and agriculture NEW

## Health and Environment — 9

133 Air pollution and health
134 Waterborne and sanitation-related diseases
135 Vector-borne diseases
136 Zoonoses and One Health
137 Environmental toxins and occupational diseases
138 Health and environment in Andhra Pradesh AP
139 Climate change and health
140 Food safety and environment
141 Radiation, UV and indoor environment

# Section C · Current Events of Regional, National and International Importance

## C1 Current Events: Andhra Pradesh

157 subtopics 157 AP

**Syllabus:** Current events of regional importance (Andhra Pradesh).

### AP governance and administration — 13

1. Year of Land Reforms 2026 and pattadar passbook drive AP
2. AP preparations for Census 2027 AP
3. New State Election Commissioner of AP (Art. 243K) AP
4. Six zones and two multi-zones under AP Public Employment Order–2025 AP
5. RTGS satellite weather alerts for fishermen AP
6. AP Pedestrian Safety & Universal Accessibility Policy, 2026 AP
7. BRICS Youth Ministers' Meeting at Visakhapatnam AP
8. 33.33% BC reservation in AP Urban Local Body elections AP
9. Registration Service Kendras (RSKs) AP
10. Judicial infrastructure and judicial academies in AP AP
11. ASR district — 100% digitalisation under electoral SIR AP
12. OPS option for 10,715 CPS employees AP
13. AP Cabinet decisions June 2026: organ transplant ordinance, beach shacks, quantum stamp duty AP

### AP culture, heritage and festivals — 14

14. Vadde Obanna Jayanti declared State Festival (January 11) AP
15. Amaravati–Avakaya Festival 2026 AP
16. Vande Mataram Coastal Cyclothon–2026 at Visakhapatnam AP
17. Vasavi Kanyaka Parameswari self-sacrifice day as State Festival AP
18. Kangundi — AP's first Heritage Village AP
19. Kondaveedu Fort — tourism works and new inscription AP
20. Siddhavatam (Sidhout) Fort, Kadapa AP
21. Dhimsa dance Guinness World Record AP
22. Music, language and literary festivals in AP 2026 AP
23. Godavari Pushkarams 2027 preparations AP
24. Vijayanagara inscriptions: Sadasivakona (Seshachalam) and Penukonda AP
25. Lepakshi e-commerce and AP GI crafts AP
26. Tirumala (TTD) in news 2026 AP
27. Molla Jayanti as State Festival AP

### AP environment and disasters — 5

28. Konaseema gas blowout 2026 and the KG Basin AP
29. Coastal forest protection and Great Green Wall of Andhra Pradesh AP
30. Kharif 2026 monsoon deficit and AP response AP
31. AP State Action Plan on Climate Change 2025-30 — energy adaptation AP
32. Coastal pollution: RK Beach effluents and Godavari breach-prone stretches AP

### AP infrastructure and investment — 6

33. Kakinada green ammonia project — India's first, world's largest AP
34. Polavaram spillway clearance by CWC AP
35. Visakhapatnam–Chennai Industrial Corridor (VCIC) AP
36. Alluri Sitarama Raju International Airport, Bhogapuram AP
37. Ballari–Guntakal third and fourth railway lines AP
38. National Waterway-4 and Krishna River Water Metro AP

## AP agriculture and allied sectors

15

39 AP natural farming model showcased at WEF Davos 2026 AP
40 AP leads India in oil palm area expansion AP
41 Mega aquaculture park in West Godavari AP
42 Banganapalle mango GI exports and Bapatla residue lab AP
43 Farmer ID mandatory for government procurement in AP AP
44 Bio-fertilizer production laboratory at Yendada AP
45 APAIMS app-based fertilizer distribution AP
46 Zero duty on raw tobacco and AP FCV tobacco AP
47 NTR district as model for natural farming AP
48 Fisheries: 75% subsidy for eco-friendly nets AP
49 West Godavari aquaculture action plan AP
50 Statewide Foot-and-Mouth Disease vaccination drive AP
51 Rayalaseema horticulture hub by 2030 AP
52 Ongole Utsavam and Ongole cattle AP
53 Pulicat Lake fishing dispute and Rayadoruvu sea mouth AP

## AP science, technology and innovation

8

54 India's first human-carrier drone ambulance (Andhra Pradesh) AP
55 AP FiberNet Phase-3 to tribal hamlets AP
56 India's first indigenous non-GMO popcorn maize hybrid (Musunuru) AP
57 City Flood Alert — AI urban flood forecasting (Vijayawada) AP
58 IIITDM Kurnool, IISER Tirupati and research tie-ups AP
59 BharatNet amended programme and Singapore governance training AP
60 Mission SANA super pressure balloon and DRDO UAV missile trials AP
61 PanIIT Summit 2026 and AP DeepTech roadmap AP

## AP urban development

4

62 Scientific SOP for de-siltation of urban drains AP
63 Building approval reforms: three-level mechanism and self-declaration AP
64 ₹7,470 crore ULB works under Hybrid Annuity Model AP
65 Common Zoning Regulations, 2026 and Building Rules amendment AP

## AP welfare schemes

11

66 Free power for handloom and powerloom weavers (from 1 April 2026) AP
67 Dokka Seethamma Midday Meal Scheme — AI revamp MoU AP
68 Annadata Sukhibhava — farmer investment support AP
69 Talliki Vandanam — assistance to mothers of school children AP
70 NTR Bharosa Pension — biometric automation AP
71 Divyang Shakti — free bus travel for persons with disabilities AP
72 ICDS nutrition supply — IVRS survey findings AP
73 Matsyakarula Sevalo — fishermen welfare during fishing ban AP
74 Swayam AP — brand for women SHG products AP
75 Housing for All in AP by 2029 AP
76 Revised additional pension for senior citizens AP

## AP education and health

9

77 IIFT Kakinada and IIPE Visakhapatnam in news AP
78 Tribal education: Marikavalasa CoE and NIELIT Tirupati AP
79 Greyfield super-specialty hospital blocks AP
80 State Action Plan on zoonotic diseases (One Health) AP
81 Sanjeevani digital health programme AP
82 Higher education: autonomous colleges and Central University Anantapur AP
83 Health rankings: organ donation and NTR Vaidya Seva AP
84 Andhra Model of Education — 100% enrolment AP
85 Chloroquine illness in Polavaram tribal area and malaria burden AP

## AP environment and wildlife

11

86 Pulicat Lake eco-protection zones AP
87 Green cover drive: industries to plant 33% of premises AP
88 HANUMAN wildlife rescue initiative AP
89 Red Sanders anti-smuggling with thermal drones AP
90 Gaur reintroduction and tiger translocation in NSTR AP
91 Tiger "Explorer" from Tadoba in East Godavari AP
92 Human–elephant conflict: Project Hanuman and Regional Action Plan AP
93 Lantana to biochar "Black Gold" in Amrabad Tiger Reserve AP
94 Peacock (Gooty) Tarantula conservation AP
95 Valmiki Caves near Gooty AP
96 Indian Gaur rescued from snare in Papikonda NP AP

## AP economy and finance

8

97 AP's AI-powered GST administration model AP
98 APMDC wins ASSOCHAM 'Best State Linked Issuer' award AP
99 AP economic performance report 2024–26 AP
100 Swarna Andhra @2047 targets and Monthly Economic Reports AP
101 AP retail inflation above national average AP
102 AP commercial tax and GST collections, June 2026 AP
103 NITI Aayog Fiscal Health Index — AP 17th AP
104 YouthPOWER rankings — Visakhapatnam tops AP

## AP law and order and internal security

6

105 EAGLE anti-narcotics force — IRCS MoU and drug drives AP
106 AI4AP Police pilot in three districts AP
107 Operation Chinnari-Thalli for child safety AP
108 AI-powered traffic system in Nellore AP
109 CISF Raising Day at Visakhapatnam Steel Plant AP
110 Operation Trishul in NTR district AP

## AP rural development

3

111 ₹8,022 crore development works in Rayalaseema AP
112 125 days of wage employment under VB–G RAM G in AP AP
113 Panchayat Raj National Award and Rurban panchayats AP

## Amaravati capital development

3

114 APCRDA — jurisdiction and recent land allotments AP
115 Amaravati Seed Access Road (E3) inauguration AP
116 Amaravati works monitoring, Undavalli trunk infra and eye tourism AP

## AP industry and minerals

8

117 Swarnagiri (Jonnagiri) gold mine and AP mineral value-addition push AP
118 International Reverse Buyer-Seller Meet, Visakhapatnam — 88 MoUs AP
119 CII Partnership Summit Visakhapatnam — ₹13.25 lakh crore MoUs AP
120 Rayalaseema as industrial hub AP
121 Ramagiri Gold Mines revival (Sri Sathya Sai district) AP
122 Jonnagiri gold mine commercial launch (June 2026) AP
123 APIIC land allotment powers and SIPB clearances AP
124 BPCL Ramayapatnam refinery-cum-petrochemical project AP

## AP energy

6

125 AP power sector: new 800 MW thermal units and demand AP
126 Rooftop solar in AP — APSPDCL 50,000 connections AP
127 EESL smart LED street lighting across 123 ULBs AP
128 NTPC Simhadri green hydrogen and Kurnool pumped storage AP
129 PM-KUSUM in AP: pump subsidy and feeder-level solarisation AP
130 ₹10,000 crore rural power upgrade under RDSS AP

### AP ports and maritime — 4

131 Kakinada Gateway Port — third port on Kakinada coast AP
132 Four new ports under construction in AP AP
133 Reduction of port limits: Machilipatnam and Ramayapatnam AP
134 World's first Autonomous Maritime Shipbuilding Centre (Nellore) AP

### AP international cooperation — 4

135 AP–U.K. MoU on urban infrastructure AP
136 AP–Gates Foundation strategic partnership AP
137 AP–UN-Habitat MoU AP
138 India–Denmark partnership for Amaravati power grid AP

### AP irrigation and water resources — 6

139 Poola Subbaiah Veligonda Project Phase-I inauguration AP
140 Rayalaseema irrigation: Gundrevula, Vedavathi, Gorakallu, Alaganuru AP
141 Polavaram Project — allocation, components and status AP
142 Madanapalle Water Grid Phase-II under JJM AP
143 Godavari water to Uttarandhra via Polavaram Left Main Canal AP
144 Krishna water sharing — AP seeks 66:34 formula AP

### AP tribal affairs — 2

145 World Adivasi Day at Araku Valley and tribal schemes AP
146 Sickle cell campaign in Alluri Sitharama Raju district AP

### AP tourism — 5

147 Suryalanka Beach under Swadesh Darshan 2.0 AP
148 AP Tourism Pavilion at SATTE 2026 AP
149 Araku Kouni tribal millet menu AP
150 MICE tourism policy draft — Visakhapatnam and Vijayawada AP
151 Nava Nandi book wins AP Tourism Award 2025-26 AP

### AP persons and awards — 3

152 AP personalities in news 2026 AP
153 Ayyanki Venkata Ramanaiah — Father of Library Movement AP
154 SKOCH awards to AP bodies: APCO and SSAAT AP

### AP sports and youth — 1

155 Sports in AP: indoor boxing ring, Yogandhra-2026, Aatavidupu AP

### AP legislation and policy — 1

156 AP Legislative Reforms 2026 — three Bills including Fire Service Amendment AP

### AP judiciary — 1

157 AP High Court rulings 2026: land acquisition, GST, legal aid, SARFAESI AP

# C2 Current Events: National

218 subtopics | 218 current

**Syllabus:** Current events of national importance.

## Polity and judgments in news (1 of 3) — 12

1. National Company Law Tribunal (NCLT) NEW
2. Acting Chief Justice of a High Court (Article 223) NEW
3. National Commission for Safai Karamcharis (NCSK) NEW
4. Proposed Article 371(K) for Ladakh NEW
5. National Commission for Protection of Child Rights (NCPCR) NEW
6. Article 311 of the Constitution NEW
7. Zonal Councils NEW
8. Definition of 'Industry' and Triple Test NEW
9. Demand for a Gorkha State (Gorkhaland) NEW
10. Trial in absentia (Section 356 BNSS) NEW
11. State Legislative Council elections NEW
12. NITI Aayog Governing Council (11th meeting) NEW

## Polity and judgments in news (2 of 3) — 12

13. Right to Walk (Supreme Court) NEW
14. Fugitive Economic Offenders Act, 2018 NEW
15. Supreme Court (Number of Judges) Amendment Bill, 2026 NEW
16. Judges (Inquiry) Act, 1968 NEW
17. National Sports Governance Board Rules and Tribunal Rules, 2026 NEW
18. Right to vote in India NEW
19. Distribution of Lok Sabha seats NEW
20. Model Code of Conduct (MCC) NEW
21. National Dental Commission NEW
22. Constitution (Scheduled Castes) Order, 1950 NEW
23. Removal of the Lok Sabha Speaker (Article 94) NEW
24. Form 7 controversy (Special Intensive Revision) NEW

## Polity and judgments in news (3 of 3) — 10

25. Rajya Sabha elections NEW
26. Renaming Kerala as Keralam NEW
27. Gita Mittal Committee (Manipur) NEW
28. Menstrual hygiene as part of Article 21 NEW
29. Health Security se National Security Cess Bill, 2025 NEW
30. Viksit Bharat Gramin Rozgar Bill, 2025 (VB-G RAM G) NEW
31. SHANTI Bill, 2025 (nuclear energy) NEW
32. Central Information Commission (CIC) NEW
33. SC on summoning advocates by investigating agencies NEW
34. Article 240 and Chandigarh (131st Amendment Bill, 2025) NEW

## Economy and banking (1 of 3) — 9

35. Negative GVA deflator for manufacturing sector NEW
36. Carbon Credit Trading Scheme (CCTS) NEW
37. UPI Tap and Pay and MyUPI NEW
38. CAFE-III fuel economy norms NEW
39. Inventory-based Cross-border E-Commerce Export Framework NEW
40. India's first Blue Bond NEW
41. Employees' Provident Fund (EPF) Scheme, 2026 NEW
42. Electronic Gold Receipts (EGRs) NEW
43. India's first sovereign-backed P&I insurance product NEW

## Economy and banking (2 of 3) — 9

44. RBI's new fraud compensation mechanism NEW
45. Emergency Credit Line Guarantee Scheme 5.0 NEW
46. Viability Plan 2.0 for Regional Rural Banks NEW
47. Countercyclical Capital Buffer (CCyB) NEW
48. Non-Deliverable Derivative (NDD) market NEW
49. Trade Receivables Discounting System (TReDS) NEW
50. National Floor Level Minimum Wage (NFLMW) NEW
51. Payments Banks NEW
52. RBI's new norms for recognising bad loans (ECL model) NEW

## Economy and banking (3 of 3) — 9

53 Arbitrage funds NEW
54 Income Tax Rules, 2026 NEW
55 Switch auction by RBI NEW
56 RBI Payments Vision 2028 NEW
57 WTO e-commerce moratorium NEW
58 Economic Stabilisation Fund and Supplementary Demands NEW
59 National Monetisation Pipeline 2.0 (NMP 2.0) NEW
60 SIDBI equity support NEW
61 Revised royalty rates for critical minerals NEW

## Science and technology in news (1 of 2) — 10

62 Call to Action for 6G Leadership and Security NEW
63 India's first eVTOL aircraft e200X NEW
64 Financial Fraud Risk Indicator (FRI) NEW
65 India's first indigenous ASF vaccine NEW
66 Tritium NEW
67 Reusable rockets (JAXA test, China booster landing) NEW
68 Helium-3 NEW
69 World's first nuclear-powered hydrogen plant (Cu-Cl cycle) NEW
70 Prototype Fast Breeder Reactor (PFBR), Kalpakkam NEW
71 Flex Fuel Vehicles (FFVs) NEW

## Science and technology in news (2 of 2) — 9

72 LIGO India NEW
73 SIM binding for messaging apps NEW
74 Small Modular Reactors (SMRs) NEW
75 National Hub for Quantum Communication NEW
76 India's first hydrogen fuel cell passenger vessel NEW
77 UNESCO Tsunami Ready Programme NEW
78 National Frequency Allocation Plan 2025 (NFAP-2025) NEW
79 Nuclear fusion NEW
80 Memristor NEW

## Schemes and programmes (1 of 3) — 11

81 Thalassemia Bal Sewa Yojana (TBSY) and Nanha Sa Dil NEW
82 DILRMP 3.0 (2026-2031) NEW
83 DDU-GKY 2.0 NEW
84 India's first port-based e-methanol plant (Kandla) NEW
85 PM Surya Sarovar Yojana (PM-SSY) NEW
86 Samudra Manthan (National Offshore Exploration Scheme) NEW
87 Kisan Credit Card - Modified Interest Subvention Scheme (KCC-MISS) NEW
88 Pradhan Mantri National Dialysis Programme (PMNDP) NEW
89 PM e-Bus Sewa Scheme NEW
90 7th National Water Awards NEW
91 Viksit UDAN scheme NEW

## Schemes and programmes (2 of 3) — 11

92 National Investment Policy for Urea-2026 (NIPU-2026) NEW
93 MAHA Water Mission NEW
94 India's first MLFF barrier-less tolling system NEW
95 India's first hydrogen fuel cell train NEW
96 RoSCTL and RoDTEP extension NEW
97 PLI Scheme for Food Processing Industry (PLISFPI) NEW
98 Startup India Fund of Funds 2.0 NEW
99 PMGSY-III NEW
100 Credit Guarantee Scheme for Microfinance Institutions 2.0 (CGSMFI-2.0) NEW
101 Samriddh Gram Phygital Services Initiative NEW
102 Dedicated Rare Earth Corridors (Budget 2026-27) NEW

## Schemes and programmes (3 of 3)

11

103 AgriStack NEW
104 Urban Challenge Fund NEW
105 India's first underwater road-cum-rail tunnel (Brahmaputra) NEW
106 Sampoornata Abhiyan 2.0 NEW
107 Sanchar Saathi app NEW
108 ASPIRE scheme NEW
109 Shipbuilding Financial Assistance Scheme (SBFAS) and Shipbuilding Development Scheme (SbDS) NEW
110 Credit Guarantee Scheme for Exporters (CGSE) NEW
111 Revised PMFBY insurance framework NEW
112 Bharat NCAP 2.0 NEW
113 Scheme for Sintered Rare Earth Permanent Magnets (REPM) NEW

## Reports and indices

11

114 India Electric Mobility Index (IEMI) 2025 NEW
115 National Family Health Survey (NFHS-6) NEW
116 Panchayat Advancement Index (PAI) 2.0 NEW
117 Fiscal Health Index 2026 (NITI Aayog) NEW
118 CAG 'State Finances 2023-24' report NEW
119 Export Preparedness Index (EPI) 2024 NEW
120 PESA Rankings of States 2024-25 NEW
121 Global Indices for Reforms and Growth (GIRG) framework NEW
122 Marine Fisheries Census 2025 NEW
123 National Industrial Classification (NIC) 2025 NEW
124 State of India's Bats (2024-25) report NEW

## Defence and security (1 of 2)

12

125 Exercise Yudh Abhyas 2026 (India-USA) NEW
126 SAT-SAAW (Satellite Smart Anti-Airfield Weapon) NEW
127 Exercise VARUNA 2026 (India-France) NEW
128 NGOPV Shruti (Next Generation Offshore Patrol Vessel) NEW
129 Rotating Detonation Engine (RDE) NEW
130 'VIJAY' vision of the Indian Army NEW
131 Multi-layered Ballistic Missile Defence (BMD) test NEW
132 INS Mahendragiri (Project 17A) NEW
133 Chief of Defence Staff (CDS) NEW
134 TARA (Tactical Advanced Range Augmentation) weapon NEW
135 Actively cooled full-scale scramjet combustor test NEW
136 Agni-1 ballistic missile NEW

## Defence and security (2 of 2)

11

137 Malwan - ASW Shallow Water Craft NEW
138 INS Agray, INS Dunagiri and INS Sanshodhak NEW
139 NASM-SR (Naval Anti-ship Missile-Short Range) NEW
140 Indian Ocean Ship (IOS) SAGAR initiative NEW
141 Suryastra rocket launcher system NEW
142 Long Range Anti-Ship Hypersonic Missile (LR-AShM) NEW
143 Hansa-3 (NG) pilot trainer aircraft NEW
144 Exercise MITRA SHAKTI-2025 (India-Sri Lanka) NEW
145 Akash-NG missile system NEW
146 INS Vaghsheer NEW
147 High-speed rocket-sled test of fighter escape system NEW

## Culture and heritage (1 of 2)

9

148 India's UNESCO Tentative List additions - Bagh Caves NEW
149 Royal Indian Navy Mutiny of 1946 NEW
150 Communal Award (1932) NEW
151 Sarnath inscribed on UNESCO World Heritage List NEW
152 International Day of Yoga 2026 NEW
153 Battle of Plassey (1757) NEW
154 Girmitiyas (Indian indentured labourers) NEW
155 MHA guidelines on Vande Mataram NEW
156 National Song Vande Mataram - 150 years NEW

## Culture and heritage (2 of 2) — 9

157 Samrat Samprati NEW
158 Mahad Satyagraha NEW
159 Humayun's Tomb NEW
160 Sittannavasal site (Tamil Nadu) NEW
161 Khajuraho Group of Temples NEW
162 Sirpur archaeological site NEW
163 Ancient port of Poompuhar (Kaveripoompattinam) NEW
164 Tamil Brahmi inscriptions in Egypt's Valley of the Kings NEW
165 Hoysala Dynasty NEW

## Space missions — 6

166 TRISHNA mission (ISRO-CNES) NEW
167 Mission Drishti - world's first OptoSAR satellite NEW
168 Shukrayaan (Venus) mission NEW
169 Very Low Earth Orbit (VLEO) satellite systems NEW
170 NavIC / IRNSS NEW
171 LVM3-M6 / BlueBird Block-2 mission NEW

## Persons, awards and sports (1 of 2) — 7

172 National Awards to Teachers 2026 NEW
173 Padma Awards 2026 NEW
174 Subhash Chandra Bose Aapda Prabandhan Puraskar 2026 NEW
175 Param Vir Chakra NEW
176 Muthuramalinga Thevar NEW
177 Indira Gandhi Peace Prize 2024 NEW
178 Blind Women's T20 World Cup 2025 NEW

## Persons, awards and sports (2 of 2) — 6

179 Lachit Borphukan NEW
180 Babu Jagjivan Ram NEW
181 Saint Basaveshwara NEW
182 Kamaladevi Chattopadhyay NEW
183 Mahatma Ayyankali NEW
184 Dr Rajendra Prasad NEW

## Bilateral relations and exercises — 2

185 India-EU initiative on EV battery recycling NEW
186 World Bank-India New Country Partnership Framework (NCPF) NEW

## Health and diseases — 6

187 TAK-003 (Qdenga) dengue vaccine NEW
188 Maternal mortality (Lancet study) NEW
189 Hexavalent vaccine NEW
190 Leptospirosis NEW
191 Ebola virus outbreak NEW
192 Measles NEW

## Environment and species in news — 9

193 Tar-balls Management Rules, 2026 (draft) NEW
194 Bengal Florican NEW
195 Indus River Dolphin NEW
196 Red Panda NEW
197 White-rumped Vulture NEW
198 White-bellied Heron NEW
199 Whale Shark NEW
200 Myristica swamps NEW
201 Project Rhino and World Rhino Day NEW

## Global summits and groupings — 2

202 FORGE Initiative (critical minerals) NEW
203 India AI Impact Summit 2026 NEW

## Protected areas and places in news (1 of 2) — 8

204 Shaksgam Valley (Trans-Karakoram Tract) NEW
205 Dudhwa Tiger Reserve NEW
206 Hokersar wetland and Wular Lake NEW
207 Raimona National Park NEW
208 Kamlang Tiger Reserve and Glaw Lake NEW
209 Ranipur Tiger Reserve NEW
210 Satkosia Tiger Reserve NEW
211 Kalagarh Tiger Reserve NEW

### Protected areas and places in news (2 of 2) — 7

212 Borjuli wetland (Biodiversity Heritage Site) NEW
213 Gulf of Kutch Marine Sanctuary NEW
214 National Chambal Sanctuary NEW
215 Mahuadanr Wolf Sanctuary NEW
216 Pampadum Shola National Park NEW
217 Ratanmahal Wildlife Sanctuary NEW
218 Guneri Inland Mangrove (Kutch) NEW

## C3 Current Events: International

120 subtopics · 120 current

**Syllabus:** Current events of international importance.

### Places in world news (1 of 2) — 10

1 Molucca Sea earthquake and divergent double subduction NEW
2 King Fahd Causeway (Saudi Arabia-Bahrain) NEW
3 Ceuta and Melilla (Spanish enclaves in Morocco) NEW
4 Ural Mountains NEW
5 Hallaniyat Islands (Oman) NEW
6 Yellow Sea NEW
7 Takeshima / Dokdo Islands NEW
8 Blue Nile River and GERD NEW
9 Aral Sea NEW
10 Rojava Region (Syria) NEW

### Places in world news (2 of 2) — 10

11 Falkland Islands NEW
12 Medog Hydropower Project and Paizhen Fault (Tibet) NEW
13 Sea of Azov NEW
14 Caspian Sea and Volga River NEW
15 Durand Line (Afghanistan-Pakistan) NEW
16 Svalbard and Barentsburg NEW
17 Bab el-Mandeb Strait NEW
18 Rakhine State of Myanmar NEW
19 Ningaloo Reef (Western Australia) NEW
20 Anak Krakatau volcano (Indonesia) NEW

### Countries in the news — 12

21 Key facts about Indonesia NEW
22 Key facts about Hungary NEW
23 Key facts about Mali NEW
24 Key facts about Uzbekistan NEW
25 Key facts about Lesotho NEW
26 Key facts about Bolivia NEW
27 Key facts about Kenya NEW
28 Key facts about Palau NEW
29 Key facts about Jordan NEW
30 Key facts about North Macedonia NEW
31 Key facts about Armenia NEW
32 Key facts about France NEW

### International organisations and reports (1 of 4) — 10

33 India-UN Development Partnership Fund NEW
34 WSIS Forum and WSIS Prizes 2026 NEW
35 Science Panel for the Global Energy Transition (SPGET) NEW
36 SIPRI report on world military expenditure 2025 NEW
37 UN Committee on the Elimination of Racial Discrimination (UNCERD) NEW
38 Asia Power Index 2025 (Lowy Institute) NEW
39 UNEP and the Seventh UN Environment Assembly (UNEA-7) NEW
40 Global Environment Outlook (GEO-7) NEW
41 UN Champions of the Earth award NEW
42 Kimberley Process chairship (India, 2026) NEW

## International organisations and reports (2 of 4)

10

43 Commission for Social Development (CSocD) NEW
44 Combined Maritime Forces (CMF) and CTF 154 NEW
45 UN Office for Disarmament Affairs (UNODA) NEW
46 International Energy Agency (IEA) NEW
47 Intergovernmental Oceanographic Commission (IOC) of UNESCO NEW
48 Responsible Nations Index (RNI) NEW
49 Euratom (European Atomic Energy Community) NEW
50 Arab League (League of Arab States) NEW
51 World Bank Climate Change Action Plan (CCAP) NEW
52 World LNG Report 2026 (International Gas Union) NEW

## International organisations and reports (3 of 4)

10

53 World Intangible Investment Report 2026 NEW
54 State of Food Security and Nutrition in the World (SOFI) 2026 NEW
55 UNCITRAL - 60th anniversary NEW
56 Energy Transition Index 2026 (WEF) NEW
57 State of World Fisheries and Aquaculture (SOFIA) 2026 NEW
58 Commission on the Status of Women (CSW) NEW
59 World Air Quality Report 2025 (IQAir) NEW
60 Election of the UN Secretary-General NEW
61 Global Forest Goals Report 2026 NEW
62 L'Oreal-UNESCO For Women in Science Awards 2026 NEW

## International organisations and reports (4 of 4)

9

63 Process of WTO membership (accession) NEW
64 Climate Investment Funds (CIF) NEW
65 International Maritime Organization (IMO) NEW
66 UNEP 'Limiting Overshoot' report NEW
67 UN Convention on the Law of the Sea (UNCLOS) NEW
68 Global Financial Centres Index (GFCI 40) NEW
69 Gender Snapshot 2026 report NEW
70 Travel & Tourism Development Index (TTDI) 2026 NEW
71 Dirac Medal 2026 (ICTP) NEW

## Global science and environment (1 of 2)

8

72 Kunming-Montreal Global Biodiversity Framework and 30×30 target NEW
73 Atlantic Meridional Overturning Circulation (AMOC) NEW
74 Hindu Kush Himalaya (HKH) region snow persistence NEW
75 China's wireless virtual-coupled freight train convoy NEW
76 Dark Eagle Long-Range Hypersonic Weapon (LRHW) NEW
77 Israel's multi-layered air defence (Arrow, David's Sling) NEW
78 Oreshnik missile (Russia) NEW
79 Fields Medal 2026 NEW

## Global science and environment (2 of 2)

8

80 Nagoya Protocol on Access and Benefit Sharing NEW
81 Subsidiary Body on Article 8(j) (SB8J) under CBD NEW
82 Interstellar comet 3I/ATLAS NEW
83 Przewalski's Horse NEW
84 Tiangong space station and Shenzhou-21 NEW
85 Sentinel-6B satellite NEW
86 Artemis II mission (NASA) NEW
87 NASA Moon Base Program NEW

## Bilateral relations and exercises

10

88 Exercise DUSTLIK-VII (India-Uzbekistan) NEW
89 Balikatan exercise (Philippines-USA) NEW
90 SAARC Currency Swap Framework NEW
91 Exercise Cyclone-IV (India-Egypt) NEW
92 Punatsangchhu-II Hydroelectric Project (India-Bhutan) NEW
93 India-New Zealand Free Trade Agreement NEW
94 Australia-India PACTS partnership NEW
95 India-New Zealand Strategic Partnership (PM's visit 2026) NEW
96 Pakistan's first Hangor-class submarine NEW
97 Exercise Malabar 2025 (Quad naval exercise) NEW

## Global summits and groupings (1 of 2)

12

98 Mecca Joint Defence Agreement (Saudi Arabia, Pakistan, Turkey) NEW
99 SAFE (Security Action for Europe) Defence Fund NEW
100 Sakhir Declaration (46th GCC Summit) NEW
101 Washington Accords for Peace and Prosperity (DRC-Rwanda) NEW
102 Pax Silica Initiative NEW
103 Euro Zone - Bulgaria becomes 21st member NEW
104 OPEC+ NEW
105 BRICS 2026 - India's chairship NEW
106 Rome Declaration for an Unarmed and Disarming Peace NEW
107 East Asia Summit (21st, Manila) NEW
108 52nd G7 Summit, Evian (France) NEW
109 International Big Cat Alliance (IBCA) Summit 2026 NEW

## Global summits and groupings (2 of 2)

11

110 MERCOSUR NEW
111 Indian Ocean Rim Association (IORA) NEW
112 3rd India-Nordic Summit (Oslo) NEW
113 India-Middle East-Europe Economic Corridor (IMEC) NEW
114 Second World Summit for Social Development (Doha) NEW
115 World AI Cooperation Organization (WAICO) proposal NEW
116 Colombo Security Conclave (CSC) NEW
117 UAE Just Transition Work Programme (COP30) NEW
118 Pacific Islands Forum (PIF) NEW
119 SWIFT payment system and alternatives NEW
120 World Circular Economy Forum 2026 (Gandhinagar) NEW