

the **IAS** hub - MK Yadav Sir

# UPSC SYLLABUS EXPLAINED

MICRO TOPICS LISTING (PRE cum MAINS)



**MK YADAV SIR**

MENTORED 1300+ CIVIL SERVANTS

**Updated for**

- ✓ History
- ✓ Science & Tech
- ✓ Polity
- ✓ Ethics
- ✓ Geography
- ✓ Environment
- ✓ Economy
- ✓ IR
- ✓ Security

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## HOW TO USE THIS STUDY TRACKER

- ■ = Tick box — Mark when you have studied the topic
- ■ = Notes lines below each section — Write quick revision remarks
- ■ Major heading = Primary syllabus topic (directly from UPSC notification)
- ■ Sub-topic = Expanded breakdowns of major topics for deeper coverage
- ◆ Detail = Specific concepts, events, or examples within sub-topics
- **Revision Tip: Mark topics in 3 passes — Read ✓ | Revised ✓✓ | Confident ✓✓✓**

## SUBJECTS COVERED IN THIS GUIDE

■ 01. History (Ancient, Medieval, Modern)	■ 02. World History
■ 03. Post-Independence Consolidation	■ 04. Indian Culture & Heritage
■ 05. Geography (Physical, Indian, Economic)	■ 06. Indian Society
■ 07. Indian Polity & Constitution	■ 08. Governance & Social Justice
■ 09. International Relations	■ 10. Economy & Agriculture
■ 11. Science & Technology	■ 12. Environment & Ecology
■ 13. Internal Security	■ 14. Disaster Management
■ 15. Ethics, Integrity & Aptitude	■ — All Prelims + Mains GS Topics —

# HISTORY

## ANCIENT HISTORY

### ■ Pre Historic Cultures in India

- Sources of Pre History
- Periodization of Indian Pre History
- Stone Age
- Palaeolithic (2 million BC – 10,000 BC)
- Mesolithic (10,000 BC – 8,000 BC)
- Neolithic (8000 BC – 4000 BC)
- Chalcolithic Age (4000 BC – 1500 BC)
- Iron Age (1500 BC – 200 BC)
- Impact of Iron

### ■ Indus Valley Civilization

- Harappan civilisation — Indus Valley Civilisation
- Major Cities Town Planning
- Harappan Internal & Foreign Trade
- Agriculture
- Domestication of animals
- Crafts
- Weights and Measures
- Script and Language
- Harappan Society
- Vedic Texts & Upanishad
- Sources for Reconstructing Vedic Society and Culture
- Geography of Rig Vedic Period & later Vedic Phases
- Economic Conditions
- Political Organisation and Evolution of Monarchy
- Social Organisation and Varna System
- Religion and Thought

### ■ Growth of Jainism & Buddhism

- Jainism — Origins, Mahavira, Teachings
- Buddhism — Origins, Buddha, Four Noble Truths
- Spread of Buddhism
- Buddhist councils
- Mauryan Administration, Economy, Society and Art
- Decline of Maurya
- Cultural History during Maurya Age

### ■ Imperial Guptas

- Sources of Gupta Rule
- Political history of Guptas

### ■ Pastoral & Farming Communities

- Neolithic Phase
- Chalcolithic Phase
- Early Iron Phase
- Geographical Distribution and Characteristics

- Harappan Religion
- Harappan Economy
- Harappan Burial System
- Harappan Art & Architecture
- Decline of Harappan Culture

### ■ Vedic Society

- Original Home of Aryans
- Features of Aryan Culture

### ■ Pre Mauryan Period

- Age of 2nd Urbanisation
- Formation of states
- The Sixteen Mahajanapadas
- Gana Sangha or Republics
- Rise of urban centres
- Evolution of Coins
- Haryanka, Shishunaga, Nanda dynasties

### ■ The Mauryan Empire

- Chandragupta and Bindusara
- Arthashastra, Megasthenes
- Ashoka and His Successors
- Ashoka's Inscriptions and Dhamma

### ■ Post-Mauryan India (BC 200-AD 300)

- Indo-Greeks, Shakas, Parthians & Kushana
- Satavahanas and other Indigenous Dynasties
- Schools of Art: Gandhara, Mathura, Amravati

### ■ Harshavardana

- Sources for Harsha's Period

- Fa-hien Arrival
- Gupta Administration
- Development of Art & Culture
- Gupta Empire: Period of Golden Age
- Economic Conditions
- Urban centres in Gupta period
- Societal changes during Gupta Period

- Harsha's Administration
- Economy under Harsha
- Huen Tsang Arrival
- **Sangam Period (South Indian Dynasties)**
- Cholas, Cheras, Pandyas
- Sangam Polity, Society and Culture
- Economy of Sangam Period

Notes / Revision Remarks:

## MEDIEVAL HISTORY

### ■ Major Dynasties (750–1200) of Early Medieval India

- The Pratiharas (8th to 10th Century)
- The Palas (8th to 11th Century)
- The Tripartite Conflict
- The Senas (11th to 12th Century)
- The Rajaputas
- Pallavas
- Chalukyas
- Rashtrakutas
- Indian Feudalism

### ■ The Delhi Sultanate (1206–1526 AD)

- Slave Dynasty
- Khalji Dynasty (1290–1320 AD)
- Tughlaq Dynasty (1320–1414 AD)
- Provincial Kingdoms and Resistance
- Sayyid Dynasty
- Lodi Dynasty
- Administration, Economy, Urbanization
- Society and Culture
- Scientific Knowledge and Legal System

### ■ Aurangzeb & Decline of Mughals

- Aurangzeb — Religious Policies
- Popular Revolts — Jats, Satnamis, Afghans, Sikhs
- Rise of the Marathas — Shivaji
- Maratha Administration and Achievements
- Assessment of Aurangzeb and the Jagirdari Crisis

### ■ Cholas and Other South Indian Kingdoms

- Chola Rulers and Political History
- Chola Administration
- Socio-Economic Life
- Education and Literature

### ■ Early Muslim Invasions

- The Arab Conquest of Sindh
- Mahmud of Ghazni
- Muhammad Ghori

### ■ Vijayanagar Empire

- Sources and Political History
- Administration
- Social and Cultural Life
- Economic Condition

### ■ The Mughal Empire

- Babur, Humayun
- Akbar — Administration, Religion, Policies
- Jahangir, Shah Jahan

- Society — Rural, Towns, Artisans, Women
- Inland and Overseas Trade
- Religion, Fine Arts, Science and Technology
- The Maratha Bid for Supremacy
- Third Battle of Panipat

Notes / Revision Remarks:

## MODERN HISTORY

### ■ Scenario before 1857

- Later Mughals & their Decline
- Regional powers in 18th Century
- Advent of Europeans in India
- The British conquest of India
- Carnatic Wars
- Battle of Plassey & Buxar
- Anglo-Mysore War
- Anglo Punjab War
- British Administration before 1857
- British Economic Policy

### ■ The Struggle for Swaraj

- Emergence of Gandhi — as a mass leader
- Khilafat & Non-Cooperation Movement
- Swaraj Party
- Simon Commission and Nehru Report
- Civil Disobedience Movement
- Round Table Conference
- Poona Pact
- Government of India Act 1935

### ■ Post-Independence Consolidation

- Re-organisation & Integration of states
- Accession of princely states
- Problems with J&K, Hyderabad and Junagarh
- Rehabilitation of the Refugees
- Linguistic Regionalism in India
- Overview of Economic Development Since Independence

### ■ Revolt of 1857

- Causes for revolt of 1857
- Leaders of revolt of 1857
- Suppression of revolt of 1857
- Nature of revolt of 1857
- Consequences of Revolt of 1857

### ■ Early Nationalism

- Pre-Congress Organizations
- Indian National Movement (1858–1905)
- Early Nationalists and Swadeshi Movement

### ■ Towards Achievement of Freedom

- 2nd World War and Nationalist response
- Partition of India — Rise of Communalism
- Wavell Plan
- Cabinet Mission Plan
- Mountbatten Plan

### ■ Trends during Freedom Struggle

- Indian Renaissance/Socio-Religious Movement
- Role of Women in Freedom Struggle

- Tribal Issue and Policy Consolidation
- Problem of Caste and Social Consolidation
- Communalism & Social Consolidation
- Planning in India — Five Year Plans
- Land Reforms
- Post-Independence Policy of Science and Technology

Notes / Revision Remarks:

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# INDIAN CULTURE

## INDIAN CULTURE & HERITAGE

### ■ Sculptural Art in India

- Harappan, Mauryan, Post-Mauryan Period
- Buddhist, Jain, Gupta Sculpture
- Medieval and Modern Indian Sculpture

### ■ Architecture in Ancient India

- Harappan Period Architecture
- Mauryan Architecture — Pillars, Stupas, Caves
- Gupta Period Architecture
- Temple Architecture — Nagara, Dravida, Vesara

### ■ Indian Paintings

- Mural Paintings, Miniature Paintings
- Rajput, Pahari School of Painting
- Deccan, South Indian Miniature Painting
- Regional and Contemporary Paintings

### ■ Music in India

- Carnatic and Hindustani traditions
- Musical Instruments

### ■ Dances in India

- Eight Classical Dance Forms

### ■ Languages & Literature in India

- Sanskrit, Pali, Prakrit Literature
- Tamil, Telugu, Malayalam, Kannada
- Odia, Bengali, Hindi, Urdu Literature

### ■ Miscellaneous Topics

- Indian Handicrafts, Fairs and Festivals
- Cultural Institutions and Awards

- Temples of Khajuraho, Odisha, Gwalior, Rajasthan

- Pallava, Chola, Pandya Architecture

- Vijayanagar Period Architecture

### ■ Indo-Islamic Architecture

- Imperial Style Delhi Sultanate

- Provincial Style, Mughal Style

- Rajput Architecture

### ■ Modern Architecture

- European Influence, Indo-Saracenic

- Folk Dances of India

### ■ Indian Theatre & Puppetry

- Classical Sanskrit Theatre, Regional Theatre

### ■ Religions in India

- Hinduism, Buddhism, Jainism, Sikhism

- Islam, Christianity, Zoroastrianism

### ■ Bhakti & Sufi Movements

- Bhakti Movement and Saints

- Maharashtra Dharma, Sufism

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- UNESCO's List of Cultural Heritage in India

- Legal Provisions for Protection of Heritage

### ■ Contemporary Issues — Indian Art Heritage

- Coinage, Devadasi Tradition

- Architecture recent issues in news

- Important Historical Sites/Places in news

- Important Personalities in News

Notes / Revision Remarks:

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# GEOGRAPHY

## PHYSICAL GEOGRAPHY

### ■ General Geography & Geomorphology

- Origin of the Earth — Early and Modern Theories, BBT
- Geological History of the Earth
- Latitude and Longitude, Time Zones, IDL
- Motions of the Earth — Rotation, Revolution
- Eclipses — Solar and Lunar

### ■ Interior of the Earth

- Seismic waves — P, S, Body, Surface
- Internal Structure — Crust, Mantle, Core
- Seismic Discontinuities

### ■ Volcanoes, Tsunamis & Geomorphic Processes

- Types of Volcanoes — Shield, Composite, Caldera
- Intrusive and Extrusive Volcanic Landforms
- Distribution of Volcanoes — Ring of Fire
- Tsunami — Mechanism, Properties, Effects

### ■ Geomorphic Processes

- Endogenic and Exogenic Forces
- Continental Drift Theory — Wegener, Pangea

### ■ Climatology

#### ■ Composition and Structure of Atmosphere

- Exosphere, Thermosphere, Mesosphere, Stratosphere, Troposphere
- Solar Radiation, Heat Balance, Albedo
- Temperature Distribution — Inversion

#### ■ Atmospheric Circulation

- Pressure Belts, Coriolis Force, Planetary Winds
- Monsoons, Land & Sea Breezes, Jet Streams

### ■ Geology

- Minerals — Feldspar, Quartz, Mica, Olivine
- Metallic and Non-metallic Minerals
- 3 Family of Rocks — Igneous, Sedimentary, Metamorphic
- Rock Cycle

### ■ Earthquakes

- Waves: P, S, Body & Surface, Shadow Zone
- Types, Causes, Effects, Distribution
- Earthquake Observatories

### ■ Plate Tectonics — Lithospheric Plates, Boundaries

- Divergent, Convergent, Transform

### ■ Landforms and their Evolution

- Wind Action — Erosional and Depositional Landforms
- Running Water — V Valleys, Deltas, Meanders
- Glaciers — Cirque, Moraines, Drumlins
- Waves and Currents — Beaches, Bars, Spits

### ■ Tropical and Temperate Cyclones

- Air Masses, Fronts, Thunderstorms, Tornadoes
- Polar Vortex, El Nino, La Nina, ENSO
- World Climate Types — Equatorial to Polar

### ■ Oceanography

- Ocean Floor Relief — Continental Shelf, Trenches
- Temperature, Salinity, Ocean Currents
- Tides — Types and Importance

Notes / Revision Remarks:

## PHYSICAL GEOGRAPHY OF INDIA

### ■ Physiography of India

- Geological Divisions — Peninsular Block, Himalayas
- Indo-Ganga-Brahmaputra Plain
- Physiographic Divisions of India

### ■ Drainage System

- Himalayan Drainage — Indus, Ganga, Brahmaputra
- Peninsular Drainage System

### ■ Climate of India

- Factors influencing India's climate
- Monsoon — Classical, Modern, Jet Stream Theory
- Seasons — Cold, Hot, SW Monsoon, Retreating
- El Nino, La Nina & Indian Monsoon Impact

### ■ Soils in India

- Classification, Soil Erosion and Conservation

## HUMAN & ECONOMIC GEOGRAPHY

■ **Demography**

- Population Distribution and Density
- Theories of population growth — Malthusian, Demographic Transition
- Rising Youth Population, Urbanisation
- Census — Sex ratio, Literacy, Age Structure

■ **Agriculture**

- Cropping Patterns, Seasons, Revolutions

■ **Land Resource and Land Reforms**

- Food Processing Industries

■ **Mineral and Energy Resources**

- Metallic and Non-metallic Minerals
- Coal, Petroleum, Nuclear, Renewable Energy

■ **Industry & Transport**

- Iron & Steel, Textile, Chemical Industries
- Transport — Roads, Railways, Waterways, Air

Notes / Revision Remarks:

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# POLITY & GOVERNANCE

## INDIAN CONSTITUTION & POLITY

### ■ Historical Evolution & Features

- Importance of Constitution, Constituent Assembly
- Salient features — Unitary & Federal
- Parliamentary vs Presidential system

### ■ Preamble

- Key terms — Sovereign, Socialist, Secular, Democratic, Republic
- Justice, Liberty, Equality, Fraternity
- Amendability of the Preamble

### ■ DPSP, Fundamental Duties & Constitutional Provisions

- DPSP — Economic, Social, Gandhian, Administrative
- Fundamental Duties — Features and Link to FRs
- Basic Structure Doctrine
- Process of law making in India
- Types of majorities in Constitution

### ■ Executive, Legislature & Judiciary

#### ■ The President

- Election, Powers — Executive, Legislative, Emergency
- Ordinance making and Pardon power

#### ■ Prime Minister & Council of Ministers

- Appointment, Functions, Coalition Government

#### ■ Parliament

- Rajya Sabha, Lok Sabha — Composition
- Law making, Committees, Financial proceedings

### ■ Citizenship

- Methodology and Modes of losing citizenship
- Overseas Citizens of India (OCI)

### ■ Fundamental Rights

- Right to Equality — Articles 14–18
- Right to Freedom — Articles 19–22
- Right against Exploitation
- Right to Freedom of Religion
- Writs and their uses

### ■ Union & States

- State Reorganization, Formation of new states
- Functions of Union and States
- Administrative, Legislative, Financial relations
- Finance Commission and devolution
- Emergency Provisions and Article 356

### ■ The Judiciary

- Supreme Court — Composition, Jurisdiction, Judicial Review
- High Courts and Lower Courts
- Collegium System, NJAC Controversy
- PIL, Judicial Activism

### ■ Local Government

- 73rd and 74th Constitutional Amendments
- Panchayati Raj, Municipal Governance

## GOVERNANCE & SOCIAL JUSTICE

### ■ Constitutional Bodies

- Election Commission, UPSC, Finance Commission
- CAG, NHRC, CVC, CBI, Lokpal

### ■ Non-Constitutional Bodies

- NITI Aayog, CIC, State HR Commissions

### ■ Good Governance

- Transparency, Accountability, RTI
- e-Governance, Citizen Charters, Social Audit

### ■ Social Justice

- Welfare schemes for SC/ST/OBC/Women/Children
- Issues relating to poverty and hunger
- Vulnerable Sections — rights and welfare

### ■ Elections in India

- Representation of People Act 1950 & 1951
- Electoral Reforms, Criminalization of Politics
- NOTA, Coalition Politics, Anti-Defection Law

Notes / Revision Remarks:

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# ECONOMY

## BASIC ECONOMY & PLANNING

### ■ Indian Economy and issues relating to planning

- Economy on Eve of Independence
- Phases of Economic Development in India
- Planning — Objectives, History, Analysis

### ■ Growth & Development

- GDP, GNP, NDP, NNP, Personal Income
- HDI, SDGs, Employment

### ■ Resource Mobilization

- Tax and Non-Tax Budgetary Resources

### ■ Inclusive growth

- Financial inclusion, PMJDY, MUDRA
- MGNREGA, Skill India, Digital India

### ■ Government Budgeting

- Budget terminology, Types of Budget
- Fiscal Deficit, Revenue Deficit, Primary Deficit
- Subsidy reforms

### ■ Investment Models

- PPP, FDI, FII, External Commercial Borrowings

## MONETARY POLICY, BANKING & TAXATION

### ■ Fiscal Policy

- Instruments, FRBM Act, Government Revenue & Spending

### ■ Taxation

- Principles, Direct and Indirect Tax
- GST and its progress, Tax Reforms

### ■ Monetary Policy in India

- Instruments — CRR, SLR, Repo Rate, OMO
- Monetary Policy Committee and Inflation Targeting

### ■ Banking

- Types of Banks — Commercial, Cooperative, RRBs
- RBI — Functions and Role
- NPA, Bad Banks, Privatization
- Payments Banks, Small Finance Banks

### ■ Foreign Trade & International

- India's Balance of Payments
- FDI, FPI, Exchange Rate
- WTO, IMF, World Bank, ADB

## AGRICULTURE

### ■ Role of Agriculture in Indian Economy

- Cropping Patterns — Mono, Rotation, Inter, Relay
- Farm Subsidies and MSP
- Public Distribution System — Issues and Reform
- Agriculture Marketing, e-NAM

### ■ Land Reforms

- Zamindari, Ryotwari, Mahalwari Systems
- Land reforms since independence, SVAMITVA

### ■ Agriculture Finance & Credit Institutions

- NABARD, RBI, Kisan Credit Card, SHG Linkage

### ■ Crop Insurance

- PM Fasal Bima Yojana, PMKSY

### ■ Agricultural Revolutions in India

- Green, White, Yellow, Blue, Golden Fiber

### ■ Food Processing

- Scope, FDI, Supply Chain, Policy Initiatives

Notes / Revision Remarks:

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# SCIENCE & TECHNOLOGY

## BIOLOGY & BIOTECHNOLOGY

### ■ Biology Basics

- Diversity of Living Things — Viruses, Bacteria, Protists
- Evolution of Life, Human Evolution
- Genetics — DNA, RNA, Gene Expression, Mutation
- Cells — Structure, Division, Tissues
- Organ system and Human physiology
- Plant physiology — Photosynthesis, Respiration

### ■ Biotechnology

- Genetic Engineering, Genomics, Proteomics
- GM Technology, GM Crops
- Gene Editing — CRISPR
- Stem Cells, Gene Therapy
- Biosafety protocols, IPR in Biotechnology

### ■ Human Health & Diseases

- Vector borne, Water borne, Lifestyle diseases
- Vaccines, Antimicrobial Drug Resistance

## SPACE, DEFENCE & NUCLEAR ENERGY

### ■ Space Technology

- Types of orbits, Launch Vehicles
- ISRO — Chandrayaan, Mangalyaan, Aditya L1
- NASA, ESA, JAXA, CNSA missions
- Navigation — GPS, Galileo, GLONASS, NavIC
- Remote sensing, Satellite communications
- Space weapons, A-SAT technology
- Geopolitics of outer space

### ■ Defence Technology

- India's Missile System — IGMP, BrahMos
- Drone technology, Stealth technology
- Lethal Autonomous Weapons, Hypersonic tech
- Defence Reforms — CDS, Theatre Commands

### ■ Nuclear Energy

- Types of nuclear reactions
- Nuclear Policy of India, DAE, BARC
- Radioactive Waste, Nuclear Disasters

## IT, AI, NANO TECH & IPR

### ■ Electronics & Telecommunications

- Mobile Generations — 3G, 4G, 5G
- Internet of Things, Cloud computing
- Big Data Initiative and Privacy
- Cyber-crime and Cybersecurity

### ■ Nano Science & Nano Technology

- Nanomaterials, Applications in medicine/agriculture
- National Quantum Mission

### ■ Robotics & AI

- Machine Learning and Deep Learning
- Applications of AI in governance, defence, healthcare
- AI ethics, Deepfakes, Facial Recognition

### ■ IPR — Intellectual Property Rights

- Types — Patent, Copyright, Trademark, GI
- International agreements — TRIPS, WIPO
- IPR Regime in India

Notes / Revision Remarks:

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# ENVIRONMENT & ECOLOGY

## ECOLOGY & ECOSYSTEM

### ■ Ecology Basics

- Types of Ecology, Ecological Hierarchy
- Habitat & Ecological Niche, Ecotones
- Ecological Succession, Climax Community

### ■ Ecosystem and its Dynamics

- Food Chain, Food Web, Ecological Pyramid
- Biomagnifications, Biogeochemical Cycles
- Carbon, Nitrogen, Phosphorus, Sulphur Cycles

### ■ Biomes

- Forest, Grassland, Tundra, Desert, Mountain

### ■ Aquatic Life Zones

- Oceans, Coral Reefs, Mangroves
- Wetlands — Ramsar Convention, Ramsar Sites
- Freshwater, Lakes, Rivers

### ■ Biodiversity

- Biodiversity Hotspots, IUCN Red List
- Convention on Biological Diversity, Nagoya Protocol

## ENVIRONMENTAL ISSUES & CONSERVATION

### ■ Biodiversity Conservation

- Project Tiger, Project Elephant, Indian Rhino Vision
- In-situ and Ex-situ Conservation
- Protected Areas, Biosphere Reserves

### ■ Environmental Pollution

- Air Pollution — Sources, Effects, NAAQS
- Water Pollution — Sources, Types, Control
- Soil Pollution, Noise Pollution, Thermal Pollution

### ■ Climate Change

- Greenhouse Effect and Global Warming
- Ozone Layer Depletion, Acid Rain
- El Nino, La Nina, ENSO and Indian Monsoon
- IPCC Reports, Paris Agreement, COP summits
- Carbon credits, NDCs, Net Zero targets

### ■ Waste Management

- Solid Waste, Hazardous Waste, E-Waste
- Bio Medical Waste, Plastic Waste

### ■ Sustainable Development

- Principles, Challenges, International Efforts

### ■ Environmental Laws & Governance

- Air Act 1981, Water Act 1974, Forest Conservation Act
- Wildlife Protection Act, Environment Protection Act
- NGT, EIA, National Green Tribunal

### ■ International Environmental Governance

- UNEP, UNDP, UNFCCC, UNCCD
- Convention on Biological Diversity
- WWF, IUCN, Birdlife International
- Kyoto Protocol, Montreal Protocol, Ramsar
- Sendai Framework, Kunming-Montreal GBF

Notes / Revision Remarks:

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# INTERNATIONAL RELATIONS

## INDIA'S FOREIGN POLICY & BILATERAL RELATIONS

### ■ Indian Foreign Policy

- Non-Aligned Movement (NAM), Panchsheel
- India's Nuclear Doctrine
- Look East / Act East Policy
- Look West / Act West Policy
- Indian Diaspora — Role and Welfare Schemes

### ■ India & Neighbours

- India–Nepal, India–Bhutan Relations
- India–Bangladesh, India–Maldives, India–Sri Lanka

- India–Myanmar, India–Pakistan Relations

### ■ India & Major Powers

- India–Russia — Strategic Cooperation
- Indo–China — BRI, String of Pearls, LAC Issues
- India–USA — QUAD, Defence, Technology
- India–France, India–Germany, India–UK
- India–Israel, India–UAE, India–Iran
- India–Japan, India–South Korea, India–Vietnam
- India and Africa, India–Australia

## MULTILATERAL RELATIONS & GLOBAL INSTITUTIONS

### ■ Multilateral Groupings

- WTO — Dispute settlement, India's issues
- BRICS — Expansion, India's role
- BIMSTEC, IBSA, SAARC
- SCO, G20, Commonwealth
- India–ASEAN Relations

### ■ Global Institutions

- United Nations — UNGA, UNSC, ICJ
- India & UNSC Permanent Membership

- UN Specialised Agencies — FAO, ILO, UNESCO, WHO
- IMF, World Bank, World Bank Group
- ADB, NDB, AIIB

### ■ Indo-Pacific & Security

- QUAD — India, US, Australia, Japan
- Indo-Pacific Maritime Domain Awareness
- South China Sea Dispute
- India's Nuclear Security Policy
- Counter-terrorism global frameworks

Notes / Revision Remarks:

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# INTERNAL SECURITY & DISASTER MANAGEMENT

## INTERNAL SECURITY

### ■ Internal Security Challenges

- Social Diversity as Issues of Security
- Non-State Actors as Issue of Security Threat
- Law and Order vs. Internal Security

### ■ Terrorism Threat to India

- Changing face of Terrorism
- Terror Threats Faced by India
- Drawbacks in Intelligence Infrastructure

### ■ Organized Crime

- Drug trafficking, Linkage with Terrorism

### ■ Security Challenges in Border Areas

- Challenges, Issues, Community Participation

### ■ Various Security Forces

- Assam Rifles, BSF, ITBP, CISF, CRPF, NSG
- Integrated Theatre Commands, Issues with Para-military

### ■ Police Reforms

- Organisational Structure, Recommendations

### ■ Left Wing Extremism – Naxalism

- Stated purpose, Support factors, Government response

### ■ Insurgency in North-East

- Issues, Assam Insurgency, Resolving Bodo Issue

### ■ Cyber Security

- Types of Cyber Crimes, India's Cyber Policy
- Cyber Warfare, Ransomware, Deepfakes

### ■ Money Laundering & Black Money

- PMLA, Parallel Economy, Demonetisation Impact

### ■ Social Media & Internal Security

- Regulation of Social Media for Internal Security

### ■ Border Security and Territorial Integrity

- India-China Border (LAC), India-Pakistan (LoC)
- Illegal migration, Demographic inversion

### ■ Maritime & Space Security

- Indian Ocean Region, QUAD, Piracy operations

## DISASTER MANAGEMENT

### ■ Natural & Man-Made Disasters

- Earthquakes, Tsunamis, Landslides, Floods, Drought
- Epidemics, Nuclear Reactor explosion, Dam collapse
- Chemical Spills, Biological Attacks, Forest fires

### ■ Disaster Management, Preparedness & Mitigation

- National Disaster Management Act, 2005
- Global framework – Sendai Framework for DRR

### ■ NDMA, NDRF, SDRF – Role and Functions

- Disaster Insurance, Gender implications
- Role of NGOs, Media in disaster management
- Satellite-based monitoring, AI in disaster prediction
- Pandemic preparedness fund
- CDRI – Coalition for Disaster Resilient Infrastructure
- PM's Ten Point Agenda on Disaster Risk Reduction

Notes / Revision Remarks:

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# ETHICS, INTEGRITY & APTITUDE

## ETHICS – GS PAPER 4

### ■ Ethics Basic Introduction

- Dimensions and Essence of Ethics
- Indian and Western Perspectives
- Ethics in public and economic life
- Freedom, Discipline, Duties, Rights, Virtue Ethics

### ■ Human Values

- Human Values & Socialization
- Fundamental and Instrumental Values
- Role of Family, Society, Educational Institutions

### ■ Attitude

- Components – Affective, Cognitive, Behavioral
- Functions of Attitude
- Attitude Formation, Social Influence, Persuasion

### ■ Emotional Intelligence

- Theories – Goleman, Salovey-Mayer
- Self-Awareness, Self-Management, Social Awareness
- Importance in Civil Services

### ■ Aptitude and Foundational Values of Civil Services

- Essential Aptitude for Civil Servants
- Integrity, Impartiality, Non-Partisanship, Objectivity
- Empathy, Tolerance, Compassion for weaker sections

### ■ India & World Thinkers / Leaders / Administrators

- Indian: Gandhi, Ambedkar, Vivekananda, Kautilya
- Western: Aristotle, Kant, Bentham, JS Mill, Rawls
- Other: Mother Teresa, Mandela, Abdul Kalam

### ■ Values & Ethics in Public Administration

- Ethical Concerns in Public and Private Institutions
- Ethical Dilemmas in Governance
- Probity in Governance, RTI, Code of Ethics
- Corruption – Causes, Control, Whistleblower Act

### ■ Applied Ethics

- Media Ethics, Business Ethics, Environmental Ethics
- Ethics of AI, Biotechnology, War, Elections
- Euthanasia, Surrogacy, Abortion, Child Labour

## CASE STUDIES – KEY FRAMEWORKS

### ■ Case Study Answer Framework

- Step 1: Identify all ethical issues involved
- Step 2: Identify all stakeholders
- Step 3: Explore all available options
- Step 4: Choose best course with reasoning
- Step 5: Anticipate consequences of action

### ■ Keywords for Case Studies

- Probity, Public Interest, Transparency, Empathy
- Constitutional Morality, Integrity, Accountability

### ■ Common Case Study Themes

- Conflict of interest – personal vs public duty
- Corruption and whistleblowing dilemmas
- Welfare vs Rule of Law conflicts
- Use of force – proportionality principle
- Disaster response and resource allocation
- Media ethics and information sensitivity

### ■ Probity in Governance

- Citizen Charter, Work Culture, Service Delivery
- Utilisation of Public Funds, Parliamentary Control

Notes / Revision Remarks:

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## QUICK REVISION CHECKLIST — PRELIMS & MAINS

<b>■ HISTORY</b>	
■ Ancient India (Pre-historic to Gupta)	■ Post-Independence Consolidation
■ Medieval India (Delhi Sultanate to Mughals)	■ World History
■ Modern India (1857 to Independence)	
<b>■ INDIAN CULTURE</b>	
■ Architecture (Ancient to Modern)	■ Languages & Literature
■ Art Forms — Paintings, Music, Dance	■ UNESCO Heritage Sites
■ Religions — Buddhism, Jainism, Bhakti, Sufi	
<b>■ GEOGRAPHY</b>	
■ Physical Geography — Geomorphology, Climatology	■ Human & Economic Geography
■ Oceanography, Biogeography	■ Contemporary Issues — Geography
■ Physical Geography of India	
<b>■ POLITY</b>	
■ Constitution — Features, Preamble, FRs, DPSP	■ Local Government, Constitutional Bodies
■ Union & States, Centre-State Relations	■ Elections & Political Dynamics
■ Parliament, Executive, Judiciary	
<b>■ ECONOMY</b>	
■ Planning, Growth & Development, National Income	■ Foreign Trade & International Institutions
■ Fiscal Policy, Monetary Policy, Banking	■ Contemporary Economic Issues
■ Agriculture, Industry, Infrastructure	
<b>■ SCIENCE &amp; TECH</b>	
■ Biology, Biotechnology, Human Health	■ IT, AI, Nanotechnology, IPR
■ Space Technology & ISRO Missions	■ Contemporary S&T; Issues
■ Defence Technology & Nuclear Energy	
<b>■ ENVIRONMENT</b>	
■ Ecology & Ecosystem, Biodiversity	■ Conservation Projects & Protected Areas
■ Environmental Pollution & Waste Management	■ Environmental Laws & Acts
■ Climate Change & International Governance	
<b>■ IR</b>	
■ India's Foreign Policy, Bilateral Relations	■ Global Institutions — UN, IMF, World Bank
■ India & its Neighbours	■ Indo-Pacific & Security
■ Multilateral Groupings — BRICS, QUAD, WTO	
<b>■ INTERNAL SECURITY</b>	
■ Terrorism, LWE/Naxalism, NE Insurgency	■ Police Reforms, Security Forces
■ Cybersecurity & Cyber Warfare	■ Disaster Management
■ Border Security, Money Laundering	
<b>■ ETHICS</b>	
■ Ethics Basics, Human Values, Attitude, EQ	■ Probity in Governance, Applied Ethics
■ Aptitude for Civil Services	■ Case Studies — Framework & Practice

■ Indian & Western Moral Thinkers

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