**IAS 2020-21**

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1 Yr. & 2 Yrs. GS FOUNDATION COURSE

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GS
PAPER: 1
MODERN INDIA

UPSC SYLLABUS

- Modern Indian history from about the middle of the eighteenth century until the present-significant events, personalities, issues, etc.
- The Freedom Struggle - its various stages and important contributors /contributions from different parts of the country.

1. Before European Penetration in India
   - Later Mughals
   - Disintegration of Mughal Empire
   - Rise of Regional States
     - Bengal
     - Hyderabad and Carnatic
     - Awadh
     - Mysore
     - Kerala
     - The Sikhs
     - Rajput states and Jats
     - Marathas
   - Rise and fall of Marathas
   - Socio and Economic condition of people in 18th Century
   - Cultural life of people in 18th Century
   - Scientific outlook in 18th Century

2. Beginning of European Penetration in India
   - Trade between India and Europe
   - Portuguese Domination
   - Spice trade of Dutch
   - British trade expansion in India and its effect on India from 1600-1744
   - Anglo-French Struggle and Subversion of Indian political power

3. Expansion of British Empire in India 1756-1818
   - British expansion in Bengal
   - Importance of Battle of Plassey
   - Clash between Mir Qasim and East India Company
   - Dual system of administration in Bengal
   - Wars under Warren Hastings and Cornwallis
   - Expansion under Lord Wellesley
   - Subsidiary Alliance policy of Wellesley
   - Expansion under Cornwallis
   - Overpowering of Maratha Confederacy

4. Consolidation under British Rule, 1818-1857
   - Conquest of Sind
   - Conquest of Punjab
   - Policy of Annexation of Dalhousie

5. Structure of British Rule in India
   - End of Dual Government and Direct Administration of Bengal (From 1772)
   - Relations between East India Company and British state between 1765-1833
   - Regulating Act of 1773 and Pitts India Act
   - Charter Act of 1813 and 1833

6. British Economic Policy in India from 1757-1857
   - Commercial Policy of British from 1757-1857
   - Effect of Battle of Plassey on Indian Trade
   - Effect of Industrial Revolution on Economic relations with India
7. Administrative Policy of British

- Civil Service in India
- Role of Army
- Police
- Judicial organization during British Rule
- Introduction of Rule of Law
- Equality Before Law

8. Social and Cultural Policy of British

- Modern Thoughts that influenced British Policies in India
- Conservatives and Radicals
- Policy of partial modernization
- Humanitarian Measures (Abolition of Sati etc)
- Spread of modern education


- Social and Religious reforms in 19th Century
- Role of Raja Ram Mohan Roy in social and religious regeneration
- Radical trend between 1820 & 1830 (Derozio)
- Ishwar Chandra VidyaSagar (Girl education, child marriage, widow remarriage and caste hierarchy)
- Why impact of western Ideas felt more in Bengal than in Western India
- Fight Against Caste System, Untouchability and Widow remarriage, Child marriage
- Parsi Reforms
- Sikh Reforms
- Role of women
- State of Education in India during 19th Century

10. Revolt of 1857

- Reasons for revolt of 1857
- Participation in Revolt
- Spread of Revolt
- Response of British
- Impact of Revolt of 1857
- Factors responsible for failure of Revolt of 1857

11. Administrative Changes Post Revolt of 1857

- Government of India Act of 1858
- Indian council Act of 1861
- Role of Mayo, Lytton and Ripon
- Promotion of Local bodies and role of Ripon
- Changes in Army
- Changed Relationship with Princely States
- Reactionary policy of British
  - Divide and Rule
  - Restrictions on Press and Acts Related to it
  - Attitude towards social reform
  - Hostility towards educated Indians
  - Carrot and Stick policy
  - Labor Legislations

12. Economic Impact of British Rule

- Ruin of Traditional Economy
- Impoverishment of peasantry
- Ruin of old zamindars
- Rise of new Landlordism
- Deterioration of Agriculture
- Development of modern industries
- Rise of new social class in India
- Poverty and Famines
- Drain of Wealth theory

13. Nationalist Movement (1858-1905)

- Factors responsible for Rise of Nationalism
- Predecessors of Indian National Congress
- Indian National Congress
- Constitutional Reforms by Moderates
- Economic Reforms by Moderates
16. Struggle for Swaraj

- Post world war scenario favorable for Nationalism
- Impact of Russian Revolution on National Movement
- Montague Chelmsford reforms
- Rowlatt Act
- Arrival of Mahatma Gandhi and his ideas
- Champaran Satyagraha, Ahmedabad Mill strike
- Satyagraha against Rowlatt Act
- Jallianwala Bagh Massacre
- Khilafat movement and Non-cooperation movement
- Impact of Chauri Chaura Incident
- Role of Swarajists
- State peoples conference movements
- Rise of Socialism within congress
- Peasant, Tribal and workers agitation
- Socialist turn to Revolutionary terrorism
- Response of British to revolutionary terrorism
- Boycott of Simon Commission
- Nehru Report
- Significance of Poorna Swaraj Resolution
- Dandi March
- Programme of CDM (1930-34) and British response
- First Roundtable conference
- Gandhi-Irwin pact and second RTC
- Second phase of CDM
- Women Participation after coming of Mahatma Gandhi
- Communal Award
- Poona Pact and Mahatma Gandhi fast unto death
- Mahatma Gandhi and BR Ambedkar approach to caste and untouchability
- Third RTC

17. Nationalist Politics (1935-1939)

- Government of India Act, 1935
- Formation of Congress Ministries
- Growth of Socialist Ideas
- Congress and International Affairs
18. Towards Independence

- National Movement in Princely States
- Growth of Communalism
- National movement and World War II
- August Offer, 1940
- Individual civil disobedience movement (1940-41)
- Cripps Mission and Reasons for Failure
- Quit India Movement and British Response
- Women participation in end stages of freedom struggle
- Azad Hind Fauj and SC Bose
- INA Trials
- Wavell Plan and Shimla Conference

- 1945-46 elections and the communal divide
- RIN (Royal Indian Navy Mutiny)
- Labour and peasant Unrest all over Country
- Reasons Behind British Support for India’s demand for freedom
- Cabinet Mission
- Towards Partition and independence
- Rise of Muslim communalism and partition of India
- The Indian independence Act July, 1947
- Role of Various Leaders
- Factors leading to Partition
- Why congress accepted partition of India
POST INDEPENDENCE CONSOLIDATION

UPSC SYLLABUS

- Post-Independence Consolidation & Re-organization

1. Challenges before India after Independence
   - Communal Riots and Regions most affected
   - Partition and then Independence: Punjab, Bengal and Assam, Sindh
   - Radcliff Commission and challenges before boundary commission
   - Radcliff Commission and its composition
   - Drawbacks of Commission
   - Division of sources
   - Finances
   - Defence personnel and equipment
   - Civil government
   - Assassination of Gandhi
   - Resettlement and Rehabilitation of Refugees
   - Shift to Constitutional Democracy

2. The Indian States
   - Policy of Equal Federation (1935-1947)
   - Plan of consolidation
   - Integration of Princely States: Junagadh, Kashmir and Hyderabad
   - Aftermath of Integration

3. Framing of the Constitution of India
   - Evolution of the Constitution and main provisions
   - Steps to the Constitution
   - Constitutional Developments
   - The Indian Constitution: Main Provisions
   - The Constituent Assembly
   - Formation of the Constituent Assembly
   - Compulsions and Issues in front of Assembly

4. From Colony to Democracy
   - Challenge of building democracy
   - Challenges before ECI and conduction of first general election
   - Starting of one party dominance
   - Dominance of Congress System
   - Nature of Congress Dominance
   - 1967 elections
   - Split in the Congress
   - Emergence of Opposition Parties
   - Role of opposition parties
   - Various opposition parties

5. Economic Consolidation
   - Economic Development and Planning
   - Ideas of Development
   - Planning
   - Formation of Planning Commission
   - First five year plan
   - Second five year plan
   - Achievements of Plans from 1947 to 1965
   - Key controversies regarding 5 year plans
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1. Polity
   - Reorganisation of States
   - Emergency in India
   - Linguistic Regionalism in India.
   - Lok Sabha Elections 2014 and 2018.

2. Economy
   - Agriculture since 12th five year plan
   - Industry since 12th five year plan
   - New Economic Policies and its Impact

3. Social Issues Related to Vulnerable Section
   - Tribal Issue and Policy Consolidation
   - Issue of Women and Evolution of Women Movement
   - Agrarian Struggles
   - Problem of Caste and Social Consolidation
   - Communalism Secularism and Social Consolidation
   - Regionalism Issues in India
   - Issue of Linguistic Minorities
   - Environmental Movements
1. **Culture and Heritage of India**
   - Aims and objectives of performing arts and their development through various stages.
   - Utility of performing arts during the ancient and the medieval period.
   - Appreciate the contribution of classical dances, folk music as well as folk dances in Indian culture and Challenges faced by performing Arts.
   - Development of drama through various phases in India and recognize the contribution of folk theatre.
   - Examine the importance of the three art forms in the development of human personality.
   - Religious and secular Art in India.

2. **Music**
   - Evolution of Indian Music
   - Contribution of Some personalities: Amir Khusro, Mohammad Shah
   - Hindustani Music evolution, features and impact
   - Carnatic Music evolution, features and impact
   - Hindustani and Carnatic music differences and similarities
   - Regional music and its impact
   - Modern Music

3. **Dance**
   - Tracing Evolution of Dance (Rig Veda, Harappa, Nataraja)
   - Classical Dances of India, their evolution and Theme
   - Well known Classical dancers of India.
   - Themes in Indian folk dances

4. **Drama**
   - Introduction (Natyashastra)
   - Evolution of Drama in India
   - Various texts relating to Drama period wise (ex Mahabhasya, mrichhakatika)
   - Famous Modern Dramas and Dramatists.

5. **Languages & Literature**
   - Vedic Literature
   - Tamil language and Sangam Literature
   - Classical languages: Evolution & impact on society
   - Trends in Medieval Literature
   - Modern Indian Literature

6. **Architecture in India**
   - Architectural Style of Harappan Civilisation
   - Influence of Buddhism and Jainism on Indian architecture
     - Stupas, Chaityas and Viharas
   - Impact of Persian and Greek invasion on Indian culture
   - Mauryan Architecture (322-182 BC)
   - Post Mauryan Architecture
   - Gandhara and Mathura school of Art
   - Cultural development during Gupta Age
   - Temple Architecture and Sculptures
     - Nagara and Dravida Styles
     - Early Temples
     - Rock Cut temples
     - Monolithic Temples
     - Free Standing Temples
   - Pallavas as great temple builders
Emergence of Nalanda as centre of learning

Medieval Period architecture
  - Delhi Sultanate
  - Regional Kingdoms (Mandu, Jaunpur etc.)
  - Vijaynagara Architecture
  - Mughal Architecture

Indo Islamic Architecture

Colonial Architecture

Utility of Architectural structures today and in Past

Conservation and Preservation of Architectural Structures

Spread of Indian Culture to Southeast Asia

7. Bronze Sculptures in India
   - Harappan "Dancing Girl"
   - Jain Tirthankaras Bronze Images
   - Buddha bronze images (ex Guptas and Vakatakas)
   - Pala school of Art (Bronze images, Manuscripts)
   - Pallava Bronze Images
   - Chola Bronzes
   - Nataraja

8. Paintings in India
   - Prehistoric Rock Paintings
   - Ancient Period
     - Murals Paintings
     - Bagh Caves
     - Sittanavasal Paintings
     - Armamalai caves
   - Medieval Period
     - Pala school of miniature paintings
     - Mughal miniature paintings (synthesis of Indian and Persian style)
     - Role of Akbar and his successors
     - Development of Pahari, Rajput and Deccan Paintings
     - Theme of paintings in Medieval period
   - Modern Period
     - Bengal school of Art
     - Renaissance or revivalist painting
     - Madras School of Art
   - Decorative Art
     - Madhubani
     - Kalamkari
     - Kalighat
     - Warli
     - Pattachitra
     - Theme of decorative paintings in India
   - Theatre Forms of India
     - Significance of Traditional folk theatre in India
     - Different forms of traditional folk theatre in India
     - Sanskrit theatre in India
     - Challenges faced by theatre in India
   - Puppet forms in India
     - Themes of puppetry in India
     - Forms of Puppetry
   - Religious Philosophies
     - Buddhism and its impact
     - Jainism and its impact
     - Sufism and its impact
     - Vedanta Philosophy
   - Bhakti Traditions
### UPSC SYLLABUS

- History of the world will include events from 18th century such as industrial revolution, world wars, redraw of national boundaries, colonization, decolonization
- Political philosophies like communism, capitalism, socialism, etc. their forms and effect on the society.

### 1. Industrial Revolution
- Decline of feudalism
- Beginning of Renaissance
- Pre-industrial Europe
- Factors that led to industrial revolution and its Impact

### 2. French Revolution
- Causes of the revolution in France
- France under Napoleon
- Impact and Significance of revolution

### 3. Nationalism in Europe
- Rise of the nation-state system
- Unification of Italy and Germany

### 4. Colonialism and Imperialism
- Colonialism and its Analysis
- The age of Imperialism (1870-1914)
- Imperialism in Asia

### 5. Emergence of USA
- Foundation of American Colonies
- The Independence of USA
- The American Revolutionary War and its impact
- Political Effects of the Revolution
- How did the American Revolution influence the French Revolution?

### 6. World War-I
- Causes and Course of the war
- Consequences of World War I
- Aftermath of World War I
- League of Nations

### 7. Russian Revolution
- Major events in pre-revolution Russia
- Causes and Course of revolution
- Consequences and Aftermath of the war
- Post-Lenin Russia

### 8. Inter-War Years (1919 To 1939)
- The Great Depression - an economic perspective
- Rise of Fascism in Italy & Nazism in Germany
- Soviet Union (USSR)

### 9. World War- II
- Causes & Course of the war
- Aftermath & Analysis of the war
- Decolonization Phase

### 10. Development in Middle East
- Democratic reforms in Middle East
- Arab nationalism
- Israel and Palestine

### 11. Cold War Era
- Impact in India
  - Indian Policy

### 12. Post Cold-War World
- Global issues since 1991
- Integration of Europe
- Rise of global Islamic terrorism
- Rise of China

### 13. Communism, Socialism and Capitalism
- Capitalism (concept, types and example)
- Communism (concept, types, example)
  - Relevance of capitalism in present era
PHYSICAL GEOGRAPHY (WORLD & INDIA)

UPSC SYLLABUS

- Salient features of world's physical geography
- Geophysical phenomena such as earthquakes, Tsunami, Volcanic activity, cyclone etc.
- Geographical features and their location-changes in critical geographical features (including water-bodies and ice-caps) and in flora and fauna and the effects of such changes.

1. General Geography
   - Universe
     - Theories of evolution of Universe
     - Star Formation
     - Formation of planets
   - Earth Evolution & Basics
     - Evolution of Earth
     - Evolution of Atmosphere
     - Evolution of Hydrosphere
     - Earth's Geological time scale
     - Origin of life
     - The Earth's Movements-Revolution and Rotation and Seasons
     - Inclination of the Earth's Axis and its effects

2. Geomorphology
   - Earth's Interior

- Sources of Information about the Interior (Direct Sources, Indirect Sources - Earth Quake Wave, Volcanoes)
- Structure of the Earth's Interior
- Mechanical and Chemical categorization of internal structure
- Geology and Rock System
  - Minerals
  - Major Elements of the Earth's Crust
    - Physical Characteristics
    - Classification -
  - Rocks (Aggregate of Minerals)
    - Classification
    - Igneous
    - Sedimentary
    - Metamorphic
  - Rocks & landforms
  - Rocks & Soils
- Geomorphic Processes
  - Endogenic Forces
    - Diastrophism
    - Orogenic
    - Epierogenic
  - Earthquakes
    - Plate movements
    - Volcanism
  - Exogenic Forces
    - Denudation Processes
    - Weathering & its Significance
    - Mass movements & their impact
    - Erosion Transportation & Deposition
- Earthquakes and Volcanism
  - Earthquakes: Reasons, Distribution & impact
  - Volcanism
    - Types and distribution of Volcanoes
    - Volcanic Landforms (intrusive)
- Distribution of Continents & Oceans
  - Theories
    - Continental Drift Theory
    - Convectional Current Theory
    - Mapping of the Ocean Floor
    - Sea Floor Spreading
17

- Plate Tectonics
- Isostasy

- Landforms and their evolution

- Causes of landform development
  - Geomorphic Processes
  - Geomorphic Agents

- Geomorphic Agents and Landforms
  - Running Water
  - Development of a river System
  - Erosional Landforms
  - Depositional Landforms

- Ground Water (Karst Topography)
  - Erosional Landforms
  - Depositional landforms

- Glaciers
  - Erosional Landforms
  - Depositional Landforms

- Geomorphic Processes

- Geomorphic Agents and Landforms

- Running Water
- Development of a river System
- Erosional Landforms
- Depositional Landforms

- Ground Water (Karst Topography)
  - Erosional Landforms
  - Depositional landforms

- Glaciers
  - Erosional Landforms
  - Depositional Landforms

- Landforms across the world
  - Rivers and lakes
  - Mountain and Peaks
  - Plateaus

3. Oceanography

- Hydrosphere
  - Water on the Surface of the Earth
  - Hydrological Cycle

- Submarine Relief Features
  - Relief of the Ocean floor
  - Divisions of the ocean floor
  - Minor relief features

- Temperature and Salinity
  - Temperature of the Ocean Water
  - Factors affecting Temperature distribution
  - Horizontal and Vertical Distribution
  - Salinity of the Ocean Water
  - Factors affecting salinity
  - Horizontals distribution of salinity

- Vertical Distribution of salinity
- Density of Ocean Waters

- Movements of Ocean Water
  - Factors influencing Movement
  - Waves
    - Motion of waves
    - Characteristics of wave
  - Tides
    - Types of Tides
    - Importance of Tides
  - Ocean Currents
    - Characteristics of Ocean Currents
    - Types of ocean currents:
      - Major Ocean currents of the World
    - Effects of Ocean Currents

- Marine Resources
  - Surface water resources
  - Ground water resources
  - Inland water resources
  - Oceanic Water Resources (Marine Resource)
    - Utilization of oceans by man
    - Water consumption patterns
    - Water Conservation and Management (Techniques)

- Ocean Deposits and Corals
  - Terrigenous Deposits
  - Volcanic Deposits
  - Biotic deposits
  - Abiotic Deposits
  - Coral Reefs
    - Probable origin of Coral Reef
    - Types and significance of Coral Reef
    - Issue of Coral Bleaching

4. Climatology

- Atmosphere
  - Composition of the Atmosphere
  - Structure of the Atmosphere

- Solar Radiation, Heat Balance and Temperature
  - Solar Radiation and Isolation
  - Heating and cooling of atmosphere
1. Terrestrial Radiation
2. Heat Budget of the Planet Earth
3. Temperature
4. Factors Controlling Temperature Distribution
5. Distribution of Temperature

> Atmospheric Circulation and Weather Systems
- Atmospheric Pressure
- Vertical variation of pressure
- Horizontal distribution of pressure
- World Distribution of Sea Level Pressure
- Factors affecting the velocity and direction of the Wind
- General Circulation of the Atmosphere – Pattern of Planetary Winds
- Latitudinal Variation of Atmospheric Heating
- Emergence of Pressure Belts
- Hadley Cell, Ferrel Cell, Polar Cell
- Seasonal Wind
- Local Wind
- Land and Sea Breezes
- Mountain and Valley Winds
- Air Mass, Fronts, Cyclones and Jet Stream
  - Air mass & fronts
  - Cyclones
  - Thunderstorms
  - Tornadoes

> Water in the Atmosphere
- Water Vapour
- Humidity – Absolute and Relative
- Saturation – Dew Point
- Evaporation and Condensation
  - Dew
  - Frost
  - Fog & Mist
  - Clouds
- Precipitation
  - Rainfall
  - Snowfall
  - Sleet Hail
  - Hailstones
  - Types of Rainfall

- World Distribution of Rainfall
- Climatic Zones of the Planet
- World Climate
- Köeppen’s Scheme of Classification of Climate
- Climatic Zones of the World

5. Bio-Geography
- Soil & Its Characteristics
  - Soil Characteristics
    - Factors Responsible for Soil Formation
    - Process of Soil Formation
    - Soil Profiles and Horizons
    - Classification of Soil
    - Soil Degradation, Erosion and Conservation
- Vegetation resources
  - Types of natural vegetation
  - Forests
    - Significance of forests
    - Factors of forest development
    - Classification of forests
    - forest cover
  - Grasslands
  - Desert vegetation
  - Tundra Vegetation
  - Deforestation
  - Conservation of forests
  - Reforestation
  - Afforestation
  - Forestry
    - Social forestry
    - Agro-forestry
    - Farm Forestry
    - Community Forestry

6. Physical Geography of India
- Physiography of India
  - Location
  - Geopolitical Significance of India
  - Geological Divisions
    - The Peninsular Block
    - The Himalayas and other Peninsular Mountains
Indo-Ganga-Brahmaputra Plain
Physiographic Divisions

Drainage System
- Drainage Patterns
- Drainage System of India
- Himalayan Drainage System
  - River Systems of Himalayan Drainage
  - Indus river system
  - Ganga River System
  - Brahmaputra river system
- Peninsular Drainage System
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- Online political advertising and challenge for democracy and society
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- Uniform Civil Code
- Critical Analysis of Stand Up India Scheme
- SC Suggests for Prison Reforms
- Statue of Unity
GS
PAPER: 2
### FEATURES OF INDIAN POLITY & CONSTITUTION

#### UPSC SYLLABUS
- Indian Constitution- historical underpinnings, evolution, features, amendments, significant provisions and basic structure
- Separation of powers Fundamental Rights, Preamble, DPSP, Fundamental Duties, etc.
- Comparison of the Indian constitutional scheme with that of other countries
- Salient features of RP Act.

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8. **Election & The Representatives of People's Act**

- **Political Parties**
  - Criminalisation of politics
  - Freebies Politics in India
  - Issues Related to the Working of Political Parties
  - Inner Party Democracy
  - Significance of Strong Opposition in Democracy

- **Elections**
  - Role of Civil Society in Free and Fair Election
  - What is Tactical Voting and Proportional Representation?
  - What is Absentee Ballot?

- **Voting Behaviour**

- **Election Laws**
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  - Introduction of NOTA
  - Bill on Right to Recall Legislators

- **Electoral reforms**
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  - Election Funding (Electoral bonds) Corporate funding laws
  - State Funding in elections
  - Women voices in elections
  - Law Commission Report on Electoral Reforms

- **Anti-Defection Law**
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9. **Development processes and the development industry**

- **The role of NGOs**
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- Dalit assertion and Politics of reservation
- Should India spend more on science or Social welfare?
- Protection of Women from Domestic Violence Act 2005
- Agrarian crisis: Issues in farmer economy
- Issues related to Social Media
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- Marital rape
- Section 377: Constitutionality Vs Morality
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## 11. Mechanism, laws, Institutions and Bodies constituted for the protection and betterment of these vulnerable sections

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### 1. Recent Bills & Acts

- 103rd Constitutional Amendment Act
- Fugitive Economic Offenders Bill, 2018
- Triple Talaq Ordinance
- Citizenship (Amendment) Bill
- Draft Emigration Bill, 2019
- Consumer Protection Bill, 2018
- Prevention of Corruption (Amendment) Act, 2018
- Lokpal & Lokayukta Amendment Act, 2016
- The Right of Children to Free & Compulsory Education (Amendment) Act, 2019
- Data (Privacy & Protection) Bill, 2017
- The Transgender Persons (Protection of Rights) Bill, 2016
- The Indian Institute of Information Technology (Amendment) Bill , 2017 (autonomy of institutes)

### 2. Elections

- Criminalization of Politics
- Issues Related to the Working of Political Parties

### 3. Miscellaneous

- Enact Strong Laws to Cleanse Politics, says Supreme Court
- How effective is Election Commission in Ensuring Fair Elections
- Freebies Politics in India
- Election Commission Proposal for Countering Bribe-for-Votes
- Law Commission Report on Electoral Reforms
- State Funding in Elections
- Role of Civil Society in Free and Fair Election
- Women Voices in Elections
- Electronic Voting Machine (EVM) Issue
- About Paper Trail Units
- Anti-Defection Law
- Office of Profit & RPA

- Revisiting Section 124-A of IPC
- Adultery No More Criminal Offence in India
## EXECUTIVE, JUDICIARY, LEGISLATURE

### UPSC SYLLABUS

- Functions and responsibilities of the Union and the States
- Issues and challenges pertaining to the federal structure
- Devolution of powers and finances up to local levels and challenges therein.
- Parliament and State Legislatures - structure, functioning, conduct of business, powers & privileges and issues arising out of these.
- Structure, organization and functioning of the Executive
- Ministries and Departments of the Government
- Structure, organization and functioning of the Judiciary
- Dispute redressal mechanisms and institutions

### 1. Issues And Challenges Pertaining to The Federal Structure

- Union and its territory
  - Formation of state and Altercation of boundaries
- Nature of Federal System
- Peculiar features of Indian federalism
- A Critique of the Federal System
- Challenges of Nation building
  - Challenges Of Special Status State And Problems
  - Demand for New states: Gorkhaland, Nagalim, Vidarbha, Purvanchal etc.

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  - President of India – Discretionary Powers- Imposition of President’s rule
  - Is President a mere Rubber Stamp
- Vice President
- Prime Minister
- Central Council of Ministers
- Cabinet Committees

### 3. Structure, organization and functioning of the State executive

- Governor
  - Provisions related to removal of Governor (Article 156)
  - Discretionary Powers
  - Politicization of the Post of Governor
- Chief Minister
- State Council of Ministers

### 4. Parliament

- Parliament
  - Sessions of Parliament: Adjournment, Prorogation, Dissolution etc.
  - Lacunas in Parliamentary Functioning in India
  - When Does a Bill Lapse in Indian Parliament?
  - Types of Majorities Used in the Indian Parliament.
  - Election to Rajya Sabha: The Procedure.
  - Relevance of Rajya Sabha
  - Government Budgeting: Indian Budget for Beginners.

- Era of One-Party dominance
- Regional aspirations
- Emergency Provisions
  - Imposition of President Rule
  - Fundamental Rights during Emergency
- Conversion of state to UT unilateraly by centre-A constitutional question
5. State Legislature
   - State Legislature
     - Full statehood to Delhi: Should it be granted or not?
     - Relevance of Council of State

6. Functions and responsibilities of the Union and States
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     - NITI Aayog: The new 'think-tank' to replace Planning Commission.
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9. Devolution Of Powers And Finances Up to Local Levels And Challenges Therein
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     - Reforms needed in Municipalities in Sync with Urban Development Missions

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      - Collegium Vs. NJAC
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      - Judicial Reforms
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      - Alternate Dispute Redressal (ADR)
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      - RIGHT TO CONVERT-the Supreme Court's judgement regarding a person's right to choose a religion, Issue of Religious Conversion in India,
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## 4. Elections

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- Issues Related to the Working of Political Parties
- Enact Strong Laws to Cleanse Politics, says Supreme Court
- How effective is Election Commission in Ensuring Fair Elections
- Freebies Politics in India
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- Comptroller and Auditor General of India (CAG), Functioning and Autonomy of CAG
- National Commission for Backward Classes
- Attorney General of India
- Advocate General of the State
- Co-operative Societies

### 2. Statutory, regulatory and various quasi-judicial bodies
- Rationalization Of Autonomous Bodies
- National Human Rights Commission
- National Commission for Women
- State Human Rights Commission
- Central Information Commission
- State Information Commission
- Central Vigilance Commission
  - Preventive Vigilance
- Central Bureau of Investigation
  - Autonomy of CBI
- Lokpal and Lokayuktas
  - Issues related to the appointment of Lokpal
  - Amendment to Lokpal Act
- Quasi judicial bodies
- NITI Aayog
  - NITI Aayog’s Report on Rationalization of Centrally Sponsored Schemes (CSS)
- Model Land leasing Law prepared by NITI Aayog

### 5. Miscellaneous
- Revisiting Section 124-A of IPC
- Adultery No More Criminal Offence in India
1. Governance

- Concept of Good Governance
- Issues Concerning Governance
- Right Based Approach in Policy Making
- Public Policy Making and Policy Implementation
- How to Establish Good Governance

2. Transparency & Accountability

- Right to Information
  - Information sharing and transparency in government
  - RTI and Official Secret Act: Who's winning and why Judiciary wants to remain isolated
- Citizen's Charters
  - Benefits of Citizen Charter
  - Citizen Charter in India: An Evaluation
  - Problems Faced in Implementing the Charters
  - Steps to improve Citizen Charters
  - Indian Approach to Citizen Charter: Sevottam Model
  - Administrative Reforms Commission's Seven Step Model for Citizen Centricity
  - Right to Service
- Extent of regulations and openness of media and social networking sites
  - T.K. Visanathan Committee On Hate Speech
  - Role of MEDIA in bringing Transparency and Accountability
  - Social Media and Accountability
- E-Governance
  - Role of E-Governance in bringing Transparency and Accountability
  - Major E-Governance Projects and challenges in their implementation
- Role of civil services in a democracy
  - Linkage of Civil Services and Democracy
  - Debate on Lateral Entry in Civil Services
  - Relation between Civil Servants and Political Executives
  - Performance Appraisal System in Bureaucracy
  - Reforms Needed In Indian Bureaucracy
- Codes of Ethics and Code of Conduct
  - Paid news abuse by social media a poll menace
  - Model code of conduct
- Utilization of Public funds
  - Significance of Public Accounts Committee
  - Challenges of corruption and incompetence

UPSC SYLLABUS

- Pressure groups and formal/informal associations and their role in the Polity
- Government policies and interventions for development in various sectors and issues arising out of their design and implementation
- Development processes and the development industry the role of NGOs, SHGs, various groups and associations, donors, charities, institutional and other stakeholders
- Important aspects of governance, transparency and accountability
- E-governance-applications, models, successes, limitations, and potential
- Citizens Charters, transparency & accountability and institutional and other measures
- Role of civil services in a democracy
- Appointment to various Constitutional posts, powers, functions and responsibilities of various Constitutional Bodies
- Statutory, regulatory and various quasi-judicial bodies
3. Regulatory Structure and Governance Reforms
   - Functions and responsibilities of various Bodies
   - Analysis of Autonomy and functioning of CAG, CBI, CVC and NHRC
   - Lokpal and rise of Ombudsman era: a critical evaluation of journey traveled so far
   - State and operational effectiveness of Local governments in India
   - Corporate Governance in India - Why is it so critical
   - Police Reforms in India
   - Curb On VIP Culture
   - Prison Reforms in India
   - Improving Governance In Public Systems

4. Development Processes And The Development Industry
   - Role of Self Help Group in Development
   - Shortcomings and Recommendations to Improve Self Help Group
   - Role and functions of NGOs in the Development
   - Challenges Faced by NGOs in India
   - Issue of Fund Mismanagement
   - Role of Microfinance Institutions in Development Process
   - Issues Related to Microfinance Institutions and Recommendations
   - Role of Foreign aid in Development
   - The role and function of pressure groups in India
   - Changing Pattern of Pressure Group Politics in India

5. Socio-Economic Development
   - Concept of Human Development
   - Economic Growth and Human Development: Two-Way Link
   - Measurement of Human Development
   - Understanding Poverty
   - Dimensions of Poverty
   - Linkage between Poverty and Development
   - Recommendations of Rangarajan Committee Report

6. Role of civil services in a democracy
   - Concept of civil services
   - Need for civil services
   - Different role of civil services
     - Law making
     - Policy formulation
7. Pressure groups and formal/informal associations and their role in the Polity
- What are pressure groups?
- Types of pressure groups
- Significance of pressure groups in India
- Differentiate between a pressure group and a political party
- Evaluation of pressure groups role

8. Appointment to various Constitutional posts, powers, functions and responsibilities of various Constitutional Bodies
- Appointment of CAG (procedure of appointment)- composition of CAG
- Functions and responsibilities of CAG
- Powers and privileges of CAG (provided by constitution and different Acts of Parliament.)
- Appointment of ECI (procedure of appointment)- composition of ECI
- Functions and responsibilities of ECI
- Powers and privileges of ECI (provided by constitution and different Acts of Parliament)
- Appointment to UPSC (procedure of appointment)- composition of UPSC
- Functions and responsibilities of UPSC

9. Statutory, regulatory and various quasi-judicial bodies
- SEBI, CVC, CBI, Planning Commission NDC, PMO
- TRAI, IRDA
- National Human Rights Commission
- State Human Rights Commission
- Central Information Commission
- State Information Commission
- National Consumer Disputes Redressal Commission
- Medical Council of India
- Pension Fund Regulatory and Development Authority
- Biodiversity Authority of India
- Press Council of India
- Forward Markets Commission
- Inland Waterways Authority of India
- Role of CAG
- 14th Finance Commission: Analysis
- 7th Pay Commission Report and Repercussions
- AFSPA and Second ARC
- Inter-State River Water Dispute: Cauvery dispute
- Role of Niti Aayog

CONTEMPORARY ISSUES

1. Second ARC REPORT
- Functions of Government
- Issues in Organizational Structure of GOI
- Good Governance and Citizen Centric Administration
- e-Governance

2. Initiatives for Transparency & Accountability
- Ethics in Governance
- Public Accountability Concept
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<td>The Role of States in India’s Foreign Policy</td>
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INTERNATIONAL RELATIONS

UPSC SYLLABUS

- India and its neighborhood- relations.
- Bilateral, regional and global groupings and agreements involving India and/or affecting India’s interests
- Effect of policies and politics of developed and developing countries on India’s interests,
- Indian diaspora
- Important International institutions, agencies and fora, their structure, mandate

1. India’s Foreign Policy
   - Evolution and Challenges
     - Evolution of India's foreign policy (Including NAM, Look East and Gujral Doctrine)
     - Determinants and challenges of India’s Foreign Policy
   - Recent Policies
     - Neighborhood first policy
     - Act east policy
     - Link west policy
     - Indian ocean outreach
     - Soft Power and Hard Power diplomacy
     - Defence and Nuclear Diplomacy
     - Space diplomacy
     - Para diplomacy-A New Way for Indian Foreign Policy?

2. India and Its Neighbours
   - India-China
     - Border dispute
     - China’s string of pearls
     - China’s Belt and Road Initiative: Prospects and Pitfalls
       - Maritime Silk Road” linking the Indian and Pacific Oceans
       - Why India is alarmed regarding BRI?
     - India’s trade deficit with China
     - China’s Malacca Dilemma
     - 2+1 Dialogue mechanism proposed by China
     - A rising China: Challenges the US primacy in Asia and role of India
     - Chinese project of diverting Tibetan waters
     - South China Sea: objection of China to India’s presence
     - China denies CPEC backing as ‘debt trap’ for Pakistan (Debt trap diplomacy of China)
     - The Unintended Consequences of India's Policy on Citizenship for Tibetan Refugees
     - India’s Concern in Joining RCEP
     - China’s Economic Slowdown
   - India-Pakistan
     - Indo-Pak Relations : Border Dispute and J&K issue
     - Terrorism emanating from Pakistan
     - Indus waters policy shift
     - Dispute over Gilgit-Baltistan
     - CPEC in PoK
     - Nuclear India-Pak-US
     - Indian stance regarding Baluchistan
   - India Bhutan
     - Bhutan’s significance for Indian Foreign policy
     - India-Bhutan Friendship Treaty
     - Objection of Bhutan to India’s Motor vehicle agreement
India-Nepal
- Bhutan’s rejection of China’s BRI
- Indo-Nepal Relations: Fluctuating ties
- Nepal’s tilt towards China
- Nepal-China Transit Agreement: An Evaluation
- India’s concern about Nepal’s new Constitution
- The Issue of Water and Hydropower Cooperation
- Nepal Bharat Maitri Project

India-Myanmar
- Democracy in Myanmar
- Scope for cooperation between N-E India & Myanmar
- Rohingya issue
- Buddhist Chauvinism
- Major Projects: Kaladan multi-modal corridor, India-Myanmar-Thailand trilateral highway

India-Bangladesh
- Indo-Bangladesh Relations
- Water Dispute Teesta water issue & Ganga river dispute
- Bangladesh demand to stop the construction of the Tipaimukh Hydro-Electric Power Project on the Barak River
- Differences in approach of India and China towards Bangladesh
- Illegal Immigration
- Understanding Bangladesh’s Unexpected Development Success

India-Afghanistan
- Instability in Afghanistan and role of India
- India’s cooperation in Afghanistan
- Moscow Format

India-Maldives
- Geostrategic Importance of Maldives
- Recent developments in Maldives exemplifying recalibration of ties
- FTA Between China and Maldives - Warning For India

India-Sri Lanka
- Sino-Sri Lanka Relationship
- Fishermen issue
- Issues on 13th amendment (Tamil & Minority Rights)

Human Right violations & OHCHR Resolution on Sri Lanka

India Ocean Region
- Indian Ocean region and world affairs
- India is a “Net Security Provider” of the Indian Ocean
- Increasing Chinese influence in the Indian Ocean
- 20 years of formation of IORA
- Piracy in the Indian Ocean
- Seychelles’ parliament refusal to ratify an Indian naval base plan on the Assumption Island
- Importance of Seychelles to India

Indo-Pacific
- Concept of Indo-Pacific from perspectives different countries
- East Asia Summit acts as a bridge for Indo-Pacific region
- India-Pacific Regional Dialogue

SAARC/BIMSTEC/BBIN
- SAARC: Challenges and Prospects
- Intra-low regional trade
- BIMSTEC as an alternative to SAARC
- Nepal withdrew from first ever BIMSTEC’s military drill in India.
- Progress of BBIN project

Global Issues
- Disarmament
- Climate Change
- Terrorism
- Global Governance
- Indian Diaspora

3. India and Extended Neighbourhood

India-Indonesia
- Indonesia’s vision as a “Global Maritime Axis.” and it's significance for India

India-Singapore
- India-Singapore Bilateral Agreement for naval cooperation

Thailand
- Indo-Thai relations: Challenges & opportunities

India-Vietnam
4. Central Asia
- Connect Central Asia Policy
- Importance of central Asia
- Golden Crescent
- Connectivity Projects (INSTC, Ashgabat Agreement, TAPI Pipeline)
- India Mongolia
  - India-Mongolia Bilateral Cooperation
  - Mongolia launched construction of first strategically oil refinery, constructed by India

5. West Asia/Middle East
- Importance of West Asia for India
- Change in West Asian strategic thinking
- China's engagement in West Asia and challenges to India
- Reasons behind India's active strategic engagements with West Asian countries without participating in West Asian turmoil
- Shia-Sunni wedge in West Asian countries
- Importance of Saudi Arabia, Challenges in India-Saudi Arabia Relations
- Plight on Indian migrant workers.
- Relations between India and United Arab Emirates
- Middle East to India Deep water Pipeline (MEIDP)
- India-Iran
  - Consolidating India-Iran Cooperation
  - Connectivity- Importance of Chabahar port
  - Iran nuclear deal: Iran Sanctions & India's Options
- India Israel:
  - From 'in the closet’ into a fast-developing open relationship
- strategic significance of the Indo-Israeli relationship
- De-hyphenation of Israel and Palestine

6. India and World
- India-Africa
  - India-Africa Trade relations: Prospects
  - Contribution of Indian Diaspora in various fields in Africa.
  - African co-operation in ensuring security and peace in Indian Ocean region
  - India's Foreign Direct Investment (FDI) in Africa's hydrocarbon sector.
  - Strategic Partnership between India and South Africa
- India-Europe
  - The first India-Nordic Summit
  - What is GDPR? its implication for India
  - influx of refugees into Europe
  - irritants between India-EU (FTA)
  - A new European Union strategy for India
  - Ukrainian Crisis’ has lead to resurgence of cold war
  - Brief on India-UK relations
  - Brief on India-France relations
- India and USA
  - Brief of India-US relations
  - Mutually supportive Defence cooperation relationship
  - logjams in implementation of civil nuclear cooperation agreement between India and the USA
  - Bilateral Social Security Agreements
  - The rise of protectionist regime in USA and the challenges for the Indian
  - Importance of New Security strategy (NSS) of USA for India
  - Recent US extraterritorial Sanctions and their potential impacts on India
  - Potential impact of US sanctions towards Russia, Iran and North Korea using CAATSA on US-India relation,
  - USA pulls out of INF treaty-Its implication for India
  - Pivot to the East policy of the USA
7. International Organisaton and Global Issues

- United Nation and UNSC
  - UNSC Reforms : Importance and Challenges
- BRICS
  - Advantages of setting up the New Development Bank
  - Prospects and Challenges of BRICS
- Commonwealth
  - Shared history of Commonwealth
  - Relevance in current time and Areas of Cooperation
- Shanghai Cooperation Organization
  - Benefits and challenges of India's entry in SCO
- IMF – The International Monetary Fund: issues concerning the reforms in Bretton Wood twins and needs structural reforms to reflect post globalization realities of the world
- NATO – The North Atlantic Treaty Organization:
  - Relevance of NATO in post USSR era
- TPP – The Trans-Pacific Partnership:
  - Will RCEP prove to be a competitor of TPP in the Asia-Pacific region
- WTO – The World Trade Organization:
  - Doha round and Singapore Agenda: Challenges in implementation
  - USA-India dispute
  - Need to revamp WTO
- Arctic Council:
  - Arctic is attracting global interest
- IAEA
  - India's nuclear facilities under IAEA safeguards
- UK Referendum – Brexit
  - Consequences of Brexit for United Kingdom and European Union,
  - Effect of Brexit on China and India
- Refugee problem:
  - Does the world need a new UN convention on refugees
  - United Nations member states (except the U.S. and Hungary) agreed on a Global Compact for Migration to better manage international migration
- Terrorism:
  - Reasons of rise of far right wing politics in many developed and developing countries
  - The Comprehensive Convention on International Terrorism (CCIT)
  - UNSC’s 1267 Al Qaeda Sanctions Committee on Jaish-e-Mohammad Chief Masood Azhar
  - Security Council Resolution 2322 to enhance the efficacy of international legal and judicial systems
  - Lone-wolf attacks.
- Yemen Crisis:
  - Yemen Crisis: Reasons and impacts
- South China Sea
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#### 1. Foreign Policy of India
- Foreign Policy of India
- Virtue of Soft Power
- Middle Power Coalition
- Terrorism
- Appendix: Global Terrorism Index 2017
- Diplomacy of Buddhism
- Indian Army at the Front Seat of Indian Foreign Policy
- Indian Diaspora
- Indian Diaspora in Gulf

#### 2. Neighbours
- India’s Neighbourhood Policy
- China
- South China Sea ruling
- Water Diplomacy through Dams
- Chumbhi Valley and Doklam Plateau
- Why China is Winning over India’s Neighbors?
- India, China ink first-ever Internal Security Cooperation Agreement
- Nepal
- Rebooting India Nepal Ties

#### 3. Bilateral Relations
- Renaissance and Reticence in India’s North-South Connectivity Platform
- Strategic Petroleum Reserves: Stocking Oil for Rainy Days
- QUAD: Strategic and economic benefits
- India has been accorded associate member status by IEA, Its importance for India
- Why RIC is as important to India as JAI and BRICS?
- Rising Protectionism and Currency Wars
- Indian Diaspora
- Role played by Indian Diaspora
- Issue of safety of Indians abroad
- Schemes for Welfare of Overseas Indian
- Indian Diaspora in Gulf
- Nitaqat law and Present Status
- Nepal Withdraw From First Ever BIMSTEC’s military drill in India
- Pakistan
- Shift Indus Waters Treaty Policy
- Afghanistan
- Heart of Asia Conference
- Sri Lanka
- Bangladesh
- Myanmar
- Maldives
- FTA between China and Maldives - Warning for India
- Bhutan
- Act East Policy
- Australia
- Indonesia
- Singapore
- South Korea
- Thailand
- Vietnam
- Philippines
4. Global Powers

- USA
- A new European Union strategy for India
- Germany
- Japan
- Appendix: Asia-Africa Growth Corridor (AAGC)
- France
- Russia
- Decline in Indo-Russia Relations
- Why RIC is as important to India as JAI and BRICS?
- UK
- Brazil
- Israel
- India's De-hyphenated Policy

5. International Organizations & Agreement

- IMF
- World Bank
- WTO
- G-20
- ASEAN
- BIMSTEC
- Indian Ocean region and world affairs
- BRICS
- Asian Infrastructure Investment Bank
- Trans Pacific Partnership (TPP)
- Regional Comprehensive Economic Partnership and India
- Multilateral Negotiations for a Nuclear Weapons Ban
- Wassenaar Arrangement and India
- India Admitted to Australia Group
- IAEA
- Nuclear Security Summit
- Non-Alignment Movement (NAM)
- UNSC Reform

6. Global Issues

- International Terrorism
- Migration Crisis in Europe
- Rising Protectionism and Currency Wars
- Greek Debt Crisis
- Iran Nuclear Deal
- US Sanctions on Iran
- Global Initiative Launched to Fight Fake News
- What does US Recognition of Jerusalem Means?
- YEMEN WAR and Implications
- Why Saudi Arabia is Moving Towards Reforms?
- Rohingya Repatriation Deal Signed
GS
PAPER: 3
1. Role of Agriculture in Indian Economy
   - Land resource
   - Land-use pattern and Land capability classification

2. Land Reforms
   - Objectives of Land Reforms in India
   - Progress of Land Reforms in India
   - NITI Aayog Report on Land Leasing

3. Agriculture Finance
   - Features of Agricultural Finance
   - Criteria for Agricultural Credit
   - Need for Agricultural Finance
   - Sources of Agricultural Finance
   - Problems of Agricultural Finance
   - Measures taken to improve credit flow to agriculture
   - Co-operative Credit Societies in India

4. Agricultural Credit Institutions
   - Multi Agency Approach
   - Commercial Bank
   - Lead Bank Scheme
   - Regional Rural Banks
   - National Bank for Agriculture and Rural Development (NABARD)
   - Reserve Bank of India
   - Kisan Credit Card Scheme
   - Bank Linkage Programme
   - Rural Infrastructure Development Fund (RIDF)
   - Government Policy For Agricultural Credit
   - Farmers Service Societies (FSS)

5. Crop Insurance in India
   - Issues Related to Crop Insurance
   - Pradhan Mantri Fasal Bima Yojana
   - Comparison with Earlier Crop Insurance Schemes

6. Agriculture Marketing
   - Process of Agricultural Marketing in India
   - Structure of Agricultural Marketing in India
   - Importance of Proper Agriculture Marketing
7. Subsidies

- Objectives of subsidies
- Transfer of resources from gainers from economic policies to losers from economic policies
- Farm Subsidies
- Fertiliser subsidies
- Subsidy on power
- Subsidy on irrigation
- Rationale of Minimum Support Price
- Impact of MSP on inflation
- Public Distribution System: Objectives, functioning, limitations, revamping, evolution from universal PDS to targeted PDS, Targeted PDS, a critical analysis of cost and benefit of PDS
- Buffer Stock policy and government’s intervention in food market to keep prices under reasonable limits to help consumers
- Food Security bill, questions of resource mobilization for the FSB, criticism of the FSB
- Important questions on the future of subsidies

8. Agricultural Revolutions in India

- Green Revolution
- White Revolution – Operation Flood
- Yellow Revolution
- Blue Revolution
- Golden Fibre Revolution: Jute

9. Food Processing

- Processed Foods Scenario with respect to Specific Sectors
- Infrastructure Development in Food Processing Sector
- Issues in Food Processing Sector
- FDI Policy in Food Processing
- Notable Trends in the Indian Food Processing Sector
- Strategies Adopted in Budget
- New foreign and domestic investment
- Sector-specific government policies

10. Industrial policy and industrial development: Main Issues

- Mahalanobis strategy and India’s industrial policy-Discussing Industrial policy resolution 1948 and 1956 critically
- New Economic Policy and Industrial policy under the policy of liberalization, privatization and globalization
- Phases of Industrial development since independence

11. Main features of Industrial development in India

- Roles of private sector and public sector, Investment in the industrial sector, employment, productivity, profit etc.
- Strategies for disinvestment and privatization
- Role of Small, Medium and Micro enterprises, Government Policy, main problems, effects of globalization
- New Manufacturing Policy
- Industrial disbursal and Industrial corridors
- SEZs- Main issues like land use, relocation of same industries that exist, exports earnings vs loss of tax income
- Industrial sickness, institutional mechanism to support the sick industries, exit policy issues
- Main constraints in the industrial development of India
- Effects of globalization on industries, Sub-prime crisis and sovereign debt crisis on Industry in India
- Industrial Finance in India: Role of development banking, commercial banking, venture capital, angel capital in industrialization and promotion of entrepreneurship
- Make in India achievements
# Contemporary Issues

## 1. Industry & Labour
- Draft National Food Processing Policy Released
- Initiatives for Fund for Start-Ups
- Companies Need to Look Beyond CSR
- Initiatives to Support MSME Sector
- Model Shop & Establishment Bill, 2016
- National Capital Goods Policy 2016 unveiled
- H-1B Visa Rule Change & Its Impact on IT Sector
- Unemployment Survey
- Draft Social Security Code
- Analysis of Competition Commission of India
- Exit Issues and Insolvency Resolution Process
- Government Limitations in Job Creation
- The Code on Wages, 2019
- Amendments in Bankruptcy Code
- Contract Worker: Issues and Steps Needed
- Feminization of Agriculture
- Challenges and opportunities of fourth Industrial Revolution
- Why Manufacturing Sector is not able to Generate Jobs?
- Inequality between Large Business Houses & Smaller Businesses
- How Labour Regulations Affect Manufacturing?

## 2. Agriculture
- Niti Aayog Launches Agricultural Marketing & Farm Friendly Reforms Index
- Defects in Procurement Policy
- Reforming Trade in Agriculture Products
- Draft Model APMC Act, 2016
- NITI Aayog Report on Agriculture
- Agriculture Export Policy, 2018
- Farm Policies: One-Size-Fits-All do not Work
- Lab to Land: How to Improve
- Agriculture Price Policy in India

## 3. Infrastructure
- Inland Waterways in India
- Aviation Sector & Regional Connectivity Scheme: Udan
- Air Service Agreement
- Airline Sector: Downtime and the Turnaround
- Privatization of Air India: Critical Analysis
- HELP Scheme
- Multi-Modal Transport System
- Bharatmala Pariyojana: Revolution In Indian National Highways
- Privatization of Railways
- Transformation in Indian Railways
- Connecting North East
- Optimising Thermal Power in India
- Reliable and Affordable Energy
- Mineral Auction Rules, 2015
POLICY & REFORMS IN INDIAN ECONOMY

UPSC SYLLABUS

1. Indian Economy and issues relating to Planning
   - Role and objectives of Indian Planning
   - Planning Experience at the Centre and State level.
   - Regulatory Role of the State
   - Development Strategy in India’s Five Year Plan
   - Mahalanobis’ Four-Sector Growth Model and Employment Generation
   - Tackling the Problems of Poverty and Unemployment
   - Vital Role of the Public Sector
   - Analysis of India’s Economic Performance in Development Planning
   - Trends in Saving and Capital Formation since Independence
   - Role of NITI Aayog in Cooperative federalism

2. Resource Mobilization
   - Types of Resources: Physical and Financial
   - Need for Resource Mobilization- Police State and Democratic Welfare State policies
   - Sources of Resource Mobilization: Public Sector and Private Sector
   - Taxation and Mobilization of Resources for Economic Growth
     - Direct Taxes and Mobilisation of Resources
     - Agricultural Taxation & Resource Mobilisation
     - Role of Indirect Taxes in Resource Mobilisation
   - Mobilization of financial resources through Government Revenues
   - Role of Public Debt in resource mobilization and effects: Market borrowing, loans, grants, etc.
   - Role of Fiscal and Monetary policies in resource mobilization
   - Role of Foreign investment in resource mobilization: Desirability and Consequences
   - Multi-lateral agencies and resource mobilization
   - Challenges to Resource Mobilization

3. Inclusive Growth and issues arising from it
   - Meaning and concept of Inclusion
   - India’s experience of Inclusion
   - Why India’s growth is not inclusive?: Rural economy based growth, Need of Sustainable agriculture, food security and resilience for growth
   - What are the solutions?
     - Inclusion process through Social sector flagship schemes and Ground realities
     - Public distribution schemes: Can it be the way to inclusive growth
     - Financial inclusion as an instrument of inclusive growth
     - Poverty Alleviation and Employment Generation as a strategy for inclusive growth
     - Social sector development as an instrument for inclusive growth
     - Public private partnership for inclusive growth
     - Industrial Integration for inclusive growth
     - Sectoral and regional diversification as a tool for inclusive growth
4. Government Budgeting
   - Budget terminology
   - Types of budget
   - Features of Outcome budgeting, Gender Budgeting
   - Benefits of budgeting
   - Flaws in budgeting process
   - Merger of Railway and General Budget
   - Budget analysis

5. Investment models
   - Measures of Investment
   - Factors affecting investment
   - Classification of Investments: FDI
   - Angel Investors and Start-ups
   - Investment Models
   - Role of State
   - PPP (Public-Private Partnership)
   - Savings and Investment Trends

6. Fiscal policy
   - Fiscal Concept and Fiscal Policy in India
   - Government Revenues & Spending Trends
   - Impact of deficits on economic growth
   - Twin Balance Sheet syndrome
   - Types of Deficit

7. Taxation
   - Objectives and Principles of Taxation
   - Taxation for Mobilization of Resources
   - Taxation System in India
   - Tax Reforms
   - GST and its impact on different sectors
   - Subsidies and its Impact

8. Monetary policy in India
   - Instruments of Monetary Policy
   - Monetary policy in Pre-Reform Era (1948 ~ 1991)

9. Financial System
   - Money Market and Capital Market in India
   - Regulatory Framework in Indian Capital Market
   - Primary Market Reforms in India
   - Secondary Market Reforms in India
   - Current and capital account convertibility
   - Risks of financial system

10. Banking
    - Indian Banking System
    - Terminologies/Concepts Related to Banking in India
    - Nationalization of Banks in India
    - Functions of Commercial Banks
    - Challenges Faced by Commercial Banks in India
    - Banking Reforms in India
    - New Bank License Criteria
    - Small Finance Banks and Payment Banks Criteria
    - Non-Banking Financial Company (NBFC)
    - Financial Inclusion
    - Issue of NPAs
    - Bills related to Banking

11. Foreign trade & International Organizations
    - Trends in International Trade
    - Foreign Trade Policy
    - Balance of Payments and Foreign Capital
    - Impact of Globalization on Indian Economy
    - International Monetary Fund (IMF)
    - World Trade Organisation (WTO)
    - World Bank Group AIIB and NDB

CONTEMPORARY ISSUES

1. Budget & Taxation
   - Low Tax to GDP Ratio: Reasons and Suggestions

Public Debt Management Cell
IBBI and Insolvency Rules
Ponzi Scheme and Issues
UPSC - MAINS SYLLABUS 2019-20

2. Banking & Finance
   - Concept of Wilfull Defaulters
   - Concept of Shadow Banking
   - Non Performing Assets
   - Marginal Cost of Funds based Lending Rate
   - Unified Payment Interface
   - India Post Payments Bank
   - Differentiated Bank Licenses
   - Digital Payments Scenario
   - Monetary Policy Committee
   - Report of Working Group on Development of Corporate Bond Market in India
   - IL & FS issue and Corporate Governance in India
   - SEBI reforms on Corporate Governance – Uday Kotak Committee
   - SEBI and Commodity markets in India
   - Concept of Crypto-Currencies
   - Crypto Currencies Come Under SEBI Lens
   - Corporate Governance: Role of SEBI
   - Peer to Peer Lending Firms
   - Bank Recapitalization Program
   - Lessons on NPA from Global Banks
   - Need of Regulatory Regime for Alternative Investment Fund
   - Name and Shame Wilful Defaulters

3. Schemes & Policies
   - Sustainable Development Goals
   - Ease of Doing Business
   - Critical Analysis of PM Crop Insurance Scheme

4. External Sector
   - FDI Status and Issues in India
   - Permanent Residency Status for Foreign Investors
   - WTO Reforms and India’s Stance
   - Dispute Settlement Mechanism at WTO
   - Gist of Foreign Trade Policy (FTP) 2015-2020
   - Reforms in IMF Quota
   - Rising New Form of Protectionism
   - BIT Dispute Management Strategy
   - Broad Based Trade and Investment Agreement (India-EU FTA Talks)
   - Nachiket Mor Committee
   - P J Nayak Committee
   - Vijay Kelkar Committee on PPP Reforms
   - Parthasarathi Shome Committee on GAAR
   - Urjit Patel Committee Report on Monetary Policy
   - Mahapatra Committee (NBFC Loan Restructuring)
   - Usha Thorat Committee (2012)
   - Bibek Debroy Committee (Railways)
   - N K Singh Panel Report on FRBM Act
   - Urjit Patel Committee Report on Monetary Policy
   - Strategic Partnership Policy to Boost Defence Manufacturing: Dhirendra Singh Committee
1. Environment and Ecology: Basic Understanding
   - Introduction
   - Categories of Environment
   - Features of Environment
   - Components of Environment
   - Ecology

2. Ecosystem and Its Dynamics
   - Ecosystem Definitions
   - Properties of Ecosystem
   - Components of Ecosystem
     - Abiotic Factors
     - Biotic Factors
   - Ecosystem Dynamics

3. Biogeochemical Cycles
   - Gaseous Cycle
     - Carbon Cycle
   - Human Impact on the Carbon Cycle
   - Effects of High Concentration of Greenhouse Gases

4. Types of Ecosystems
   - Terrestrial Ecosystem
   - Aquatic Ecosystem
   - Changes in Ecosystem
   - Ecosystem Conservation
   - Ecology vs. Economy

5. Population Ecology
   - Population Characteristics
   - Population Growth Models
   - Species
   - Carrying Capacity of Earth

6. Biosphere
   - Extent of the Biosphere
   - Working of the Biosphere
   - Importance of the Biosphere
   - Alpha, Beta, Gamma Diversity
   - Biomes
     - Global Biomes
       - Major Biomes of the World
       - WWF Classification of Biomes
       - Terrestrial Biomes
       - Aquatic Biomes
     - Indian Biomes

7. Biodiversity
   - Types of Biodiversity
   - Value of the Biodiversity
   - Threats to Biodiversity
     - Causes of Biodiversity losses ('The Evil Quartet')
     - Invasive species
     - Effects of Loss of Bio-Diversity
   - Extinction of Species
8. Biodiversity Conservation
- Conservation Strategies
- Conservation Tools
- IUCN
- IUCN Red List
- Ecologically Sensitive Area (ESAs)
- In-situ methods of conservation of biodiversity
  - Advantages of In-situ Conservation
  - Disadvantages of In-situ conservation
- Ex-situ Methods of Conservation of Biodiversity

9. Pollution & Degradation
- Land Degradation
  - Causes and Impact of Land Degradation
  - Desertification
  - Sustainable Land Management
  - Soil Erosion
  - Problems due to Excessive Irrigation
  - Soil Conservation
- Air Pollution
  - Causes of Air Pollution
  - Harmful Effects of Common Air Pollutants
  - Control of Air Pollution
- Marine Pollution
  - Effects of Marine Pollution
  - Coastal Regulation Zone Notification, 2011
- Mining & Pollution
  - Effects of Mining on Environment
  - Concept of Sustainable Mining
  - Acts to regulate the adverse effects of Mining Activities
- Other Pollution
  - Effects of Noise Pollution on Human Health
  - Harmful Effects from Biological Contaminants
  - Harmful Effects of Radioactive Pollution
  - Nuclear Accidents

10. Waste Management
- Solid Waste Management
  - Salient features of SWM Rules, 2016
- E-waste Management
  - Pollutants and their Health Impacts
  - Importance of the E-Waste Management
  - E-waste (Management & Handling) Rules, 2016
- Biomedical Waste
  - Hazards Associated with Waste Management
- Hazardous Waste
  - Hazardous Waste Treatment
  - Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016

11. Climate Change
- Factors Affecting Climate Change
- Impact of climate change & its mitigation
- Climate Change Management
  - Conventions
  - International Organisations

12. Environmental Impact Assessment
- Sustainable Practices
  - Impact of Agriculture on Environment
  - Sustainable Agriculture
  - Hi-tech Farming Methods
  - Rain Water Harvesting
  - Green Buildings and their Rating System in India
  - Eco-tourism - Advantages & Disadvantages of Eco-tourism
# Contemporary Issues

## 1. Wildlife
- Man-Animal Conflicts in India
- Poaching activities in India
- Development leads to tiger extinction
- Elephant Conservation
- International treaties for wildlife conservation
- Use of drones for wildlife conservation
- Urban Land Acting as Death Traps for Birds
- Eco-Bridges and Biodiversity Management
- Sunderbans at risk due to Climate Change
- Critical Wildlife Habitats
- Declining Population of Pollinators
- International treaties for Wildlife Conservation
- Marrakech Climate Change Conference
- Paris Agreement
- US moved out of Paris agreement
- Kigali Agreement
- Kyoto Protocol (2nd Commitment)
- IPCC Report 2018
- International Solar Alliance
- Concept of Green Bond
- Green Climate Fund
- Carbon Tax Feasibility in India
- Concept of Green Building
- Concept of Carbon Credit
- Climate Change and Cities
- Climate change and its impact on Health
- Climate Change and Agriculture
- Climate Change and sea level Rise
- Ocean Warming
- Melting of Gangotri Glacier
- Programmes and Policies Initiated for Mitigating Climate Change
- International Collaboration for Mitigating Climate Change
- Ethical issue involved in climate change
- Third Pole and Climate Change
- UNCCD 2018-2030 Strategic Framework
- Regulatory Indicators for Sustainable Energy (Rise) 2018 – Wb
- Accounting Methods of Climate Fund Questioned
- Tackling Climate Change from a Security Perspective
- Effects of Global Warming on El Nino in The 21st Century
- India to Expand Polar Research to Arctic
- Bengal Tigers may not Survive Climate Change
- Scientists Mull Stratospheric Barrier to Curb Global Warming

## 2. Combating Pollution
- Indoor Air Pollution and its impact
- Impact of Particulate Matter
- Smog and its impact
- Aerosol shrinking India’s Monsoon
- Stubble Burning
- Mobile radiation Impact on Health
- Heavy water Pollution
- Plastic Pollution
- Light Immersion Pollution
- Idol Pollution
- Oil Spill
- Garbage Dumping and its Environment
- E-waste Management Rules 2016
- Groundwater contamination (Arsenic, Uranium)
- Bharat Stage Norm
- What is Polluters Pay Model?
- LANCET Study REPORT : Most Pollution linked deaths occur in India
- Beach (Coastal) Pollution
- Nitrogen Pollution
- Hazardous Waste (Management & Transboundary Movement) Rules, 2016
- Renewable Energy
- Biogas

## 3. Climate Change
- Conference of Parties (COP-24) at Katowice

## 4. Renewable Energy
- Biogas
5. **Initiatives for Environmental Conservation**
- Compensatory Afforestation Fund Act
- Draft National Wildlife Action Plan
- Wetland Management Rules, 2017
- Initiatives to enhance green cover
- Policy on Promotion of City Compost
- Ancient Bawadis and Water Management
- Living status to Rivers
- Ganga River Pollution
- Environmental Impact Assessment
- Environmental Compliance and Enforcement in India
- Public Participation for Environmental conservation
- Western Ghats biodiversity conservation
- The 25 Year Environment Plan
- India’s National Redd+ Strategy
- EnviStats-India 2019
- Indian Forest Act amendment
- Sustainable India Finance Facility (SIFF)

6. **Environmental Institutions**
- Pollution Control Board: Analysis
- National Green Tribunal: Analysis
- Forest Survey of India and India State of Forest Report, 2017
- Genetic Engineering Appraisal Committee
- Traditional Knowledge Digital Library

7. **Miscellaneous Issues**
- Impacts of Dam and fishing
- Issue of Land Degradation
- Sand Mining
- Algal bloom Issue
- Melting of Antarctica and its impact
- River linking project and its impact
- Bottom Trawling to Deep Sea fishing
- Mass Coral Bleaching – Threats to coral reefs
- Forest Fires
1. Introduction
   - India's Policy in the Field of the Science & Technology
   - The Science & Technology Policy Resolution in 1958
   - Science & Technology Policy 2013
   - Institutional Structure
   - New Initiatives Aligned with the National Agenda
   - India & World Collaboration in Science Projects

2. Space
   - Satellite Communication in India
   - INSAT Satellite Applications
   - Remote Sensing Applications
   - Cryogenic Rockets
   - Global Positioning System
   - Role of Space in Development

3. IT, Telecom & Electronics
   - IT Industry in India
   - Applications of Information Technology
   - Display Technologies
   - Telecommunication
   - Government Initiatives
   - Contemporary Debates

4. Defence
   - Missile System and their Classification
   - India’s Missile System
   - India’s Ballistic Missile Defence System
   - UAVs in India
   - Stealth Technology, Chemical Weapons, Biological Weapons

   - Nanoscience Nanotechnology and Nanomaterials
   - Applications of Nanotechnology
   - Health & Environmental Impacts of Nanotechnology
   - Social & Ethical Impacts
   - Nano-Science & Nanotechnology in India

6. Robotics
   - Robotics & Artificial Intelligence
   - Applications of Robotics
   - Robotics and Issues of Unemployment

7. Nuclear Energy
   - Nuclear-Power Policy of India
   - Non-energy Applications of Nuclear Energy
   - Impact of Radiation, Issue of Radioactive Waste
   - Institutions involved in Nuclear Energy Development
   - Nuclear & Radiological Disasters
8. Biotechnology
- Application of Biotechnology
- Biotechnology Projects
- Issue of Bio-Piracy
- Bioinformatics
- Biotechnology and IPR Issue
- Ethical Dimension In Biotechnology

9. Renewable Energy
- Ocean Thermal Energy Conversion (OTEC)
- Concept of Green Building
- Tidal, Wave, Geothermal Energy, Fuel Cells

10. Achievements of Indians in science & technology
- Scientists of Ancient India
- Science and Scientists of Medieval India
- Scientists of Modern India
- Policies & Reports related to Science
  - Technology Vision Document 2035
  - National Biotechnology Development Strategy 2015-2020
  - National Intellectual Property Rights Policy
  - Policy on Synthetic Biology
  - Law Commission Report on Human DNA Profiling

CONTEMPORARY ISSUES

1. Space
- OUTER SPACE TREATY
- NEUTRINO OBSERVATORY
- SOLAR MISSION- ADITYA
- Chandrayaan-2 Mission
- GRAVITATIONAL WAVES
- IMPORTANCE OF NAVIGATION SYSTEM
- Reusable Launch Vehicle
- About SN Bose
- Stephen Hawking
- Space Activities Bill, 2017
- ISRO AS SOFT POWER
- ISRO’S ROLE IN SOCIO-ECONOMIC DEVELOPMENT
- Space Debris
- GAGANYAAN
- 20 years of International Space Station
- INTELLECTUAL PROPERTY RIGHTS: ISSUES & CONCERNS
  - Misuse of Secondary Patent Methodology
  - Digital Biopiracy
  - Clinical Applications of whole Genome Sequencing
  - Three-Parent Babies Permitted in UK
  - Mass Embryo Transfer
  - Issues Related to Gm Food
  - Importance of Genetic Testing
  - Health Geo-Mapping Project
  - Digital Health Technology Eco-System
  - Ethical Dimension In Biotechnology
  - Law Commission Report on Human DNA Profiling
  - Law against Genetic Discrimination
  - Genome Editing: What, Why and Way Forward

2. Biotechnology & Health
- Tuberculosis
- Mother-to-Child Transmission of HIV
- Nipah Virus Infection
- Generic Drugs in India
- Stent Implants

3. Defence
- India’s Missile System
- Brahmos and its Significance
- India’s Ballistic Missile Defence System
- Indian Submarines and Naval Ships
- Light Combat Aircraft
- UAVs in India
- Chemical Weapons
- Biological Weapons
4. Policies Related to Science
- STI Policy 2013 of India: Analysis
- The Paradox of Innovation
- Analysis of INSPIRE Scheme
- National Biotechnology Development Strategy 2015-2020
- Organ Donation Rules in India
- Policy on Synthetic Biology
- The DNA Technology (Use and Application) Regulation Bill, 2018
- Maharashtra’s Public Cloud Policy
- National Policy on Electronics 2019
- Roadmap for Drones
- National Wind-Solar Hybrid Policy
- Draft Rules for E-Pharmacies
- National Digital Communications Policy
- Net Neutrality

5. IT & Telecom
- Internet Of Things
- Big Data Initiative
- Supercomputer and its Applications
- Li-Fi Technology and its Application
- Use of it in Financial Inclusion
- Credit/Debit Card Crimes
- Bharatnet Project
- Wanna Cry Malware
- Concept of Cyber-Physical Systems
- Esign Electronic Signature Service: Significance & Applications
- Digital India: Achievements
- Adoption of Blockchain Technology to Stop Bank Frauds
- Artificial Intelligence and Society
- Two Authentication Procedure
- Facial Authentication Working
- Issue of Internet Governance
- Quantum computing
- National supercomputing mission
- Data Protection-B N srirkrishna committee

6. Initiatives in the Field of Science & Technology
- Technology and Food Security
- BOOSTING Horticulture through Remote Sensing
- Hyperloop Transportation Technology
- Cloud Seeding Experiment In Maharashtra
- Nano-Technology Medicines
- Hydrogen Bomb
- Ear Tagging In Cattle
- e-Cigarette
- Kudankulam Nuclear Power Plant
- Geo-Tagging The Assets In Mgnrega
- Robot Tax and its Implications
- India & World Collaboration in Science Projects

7. Initiatives in the Field of Science & Technology
- Mother-to-Child Transmission of HIV
- Nipah Virus Infection
- Avian Influenza or Bird Flu
- Bovine TB
- Encephalitis
- Kyasanoor Forest Disease (Monkey Fever)
- Hospital Acquired Infection
- Rotavirus
- Middle East Respiratory Syndrome Virus
- Swine Flu
- Chikanguniya
- Tuberculosis
INTERNAL SECURITY CHALLENGES IN INDIA

UPSC SYLLABUS

- Science and Technology- developments and Linkages between development and spread of extremism.
- Role of external state and non-state actors in creating challenges to internal security.
- Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention.
- Security challenges and their management in border areas; linkages of organized crime with terrorism.
- Various Security forces and agencies and their mandate.

1. Internal Security Challenges
   - Social Diversity as Issues of Security Threat
   - Challenges from within India
   - Neighbors as Issue of Security Threat
     - Pakistan
     - China
     - Myanmar
     - Bangladesh
     - Bhutan
     - Nepal
     - Sri Lanka

2. Terrorism Threat to India
   - Changing face of Terrorism
   - Terror Threats Faced by India
   - Broader Framework to Deal with Terrorism

3. Organized Crime
   - Types of Organized Crime
   - Problems in controlling organized crimes
   - Combating organized crimes
   - Linkage of Terrorism and Organized Crime in India

4. Linkage between Development and Spread of Extremism
   - What is Naxalism
   - What is the History of Naxal Movement
   - Why naxalism is a biggest threat to internal security?

5. Insurgency in North-East
   - Introduction
   - Issues & Conflicts
   - Assam Insurgency

6. Security Challenges in Border Areas
   - Challenges to Border Management
   - Issues Faced in Border Management
   - Community Participation for Border Management

7. Basics of Cyber Security
   - Basic Definition
   - Types of Cyber Crimes
   - Impact and Steps needed
   - Recent Incident: Ransomware
   - National Cyber Security Policy of India 2013
8. **Cyber Warfare**
   - Factors Contributing/Aggravating Rise of Cyber Attack
   - Recent Initiatives for Tackling Cyber Warfare
   - Way Ahead
   - Chinas role in cyber warfare
   - Different spywares

9. **Social Media and Internal Security Threat**
   - Regulation of Social Media in India for Internal Security
   - Challenges in Monitoring Social Media

10. **Money Laundering**
    - Meaning of Money Laundering
    - Harmful Effects of Money Laundering
    - Steps taken by the Government

11. **Black Money in India**
    - Parallel Economy in India
    - Measures taken to curb Black Money?
    - Demonetization for curbing black money
    - Impact of demonetization on black money
    - Criticisms

12. **Security Forces and their Mandate**
    - Police Reforms in India
    - Organizational Structure
    - Duties and Responsibilities of the Police
    - Centre's Role in Policing
    - Traditional Security Challenges
    - Non-Traditional Security Challenges (NTS)
    - Recommendations for Police Reforms
    - Police we Want in 21st Century
    - Prison Reforms

13. **Various Security Forces and their Mandate**
    - Assam Rifles
    - Border Security Force (BSF)
    - Indo-Tibetan Border Police
    - Central Industrial Security Force (CISF)
    - Central Reserve Police Force

14. **Role of Army in Internal Security**
    - Strategic Perspective: Has role of Military become more relevant today?
    - National Context
    - The Indian Army’s Response
      - Structural Adaptation
      - Doctrinal Development
      - Leadership Adaptation
      - Long-term Perspective

15. **Governance Issues Related to Internal Security**
    - Threats, Challenges and Vulnerabilities in 21st Century
    - Introduction
    - China: The Long-term Challenge
    - Managing the China-Pakistan Collusion
    - Nuclear, Biological and Chemical Threat
    - Aerospace Threats
    - Maritime Security
    - Natural Resources
    - Conflict over Water
    - Energy Security
    - Global Warming
    - Indian Diaspora
    - Economic Warfare
    - Role of foreign elements in disturbing internal security

16. **Impact of Governance and Justice Delivery System on Internal Security**
    - Importance of Good Governance in Internal Security
    - Reforms Needed
    - Improving E-governance platforms

17. **National Security Mechanism**
    - Improving Policing and Intelligence
    - Resolving Centre-State Issues in Managing Internal Security
### 18. Issues in Intelligence Services
- Response Mechanism in India
- What are the Major INTELLIGENCE Challenges?
- Steps to tackle the flaws
- What are the probable measures to improve Intelligence Services in India?
- How to Create These Capabilities?
- Recent terrorist attacks an role of intelligence in that context

### 19. Strategy for Coastal and Offshore Security
- Different Facets of Maritime Security

### 20. Make in India in Defence
- Present Scenario
- Make in India in Defense
- Government Policy
- Strategy for Indigenization
  - Skill Development
- Technology acquisition

### CONTemporary Issues

### 1. Issues Related to Internal Security
- Strategy for Managing Internal Security
- Counter-terrorism Infrastructure in India
- ISIS Challenge in India
- Comprehensive Convention on International Terrorism
- Naxalism
- Peace Accord
- Organized Crime
- Media and Internal Security Threat
- Does Social Media Threaten Democracy?

### 2. Issues Related to Security Forces
- Central Armed Police Forces
- Indian Police Structure
- Police Modernization Scheme
- Police Reform with Respect to Cyber Security
- Police Surveillance in Age of Big Data
- Andaman Sea Region: India Eyes for Military Expansion
- Role of Indian Navy in Indian Ocean
- Draft Amendments to National Investigation Agency Act-2008 Released
- One Rank One Pension
- Non Lethal Weapons to Control Crowd and Laws Related to it

### 3. Defense Procurement
- Working Analysis of Defence PSU
- DRDO (Defence Research & Development Organization)
- Make in India in Defense
- CAG Report on Ammunitions Management System
- Strategic Partnership Policy to Boost Defense Manufacturing
- China increasing Defence Budget and India’s decreasing (implications)

### 4. Military Related Policies in India
- Joint Doctrine Indian Armed Forces - 2017
- Doctrine of Hot Pursuit
- Military Cold Start Doctrine
- India’s Military Readiness
- Women into Military Police
- Anti-Hijacking Act, 2016: An Analysis
GS
PAPER: 4
UPSC SYLLABUS

1. Ethics: Basic Introduction
   - Dimensions and Essence of Ethics
   - Approaches of Ethical Study: Indian Perspective and Western Perspective
   - Basic concepts: morality and value
   - Ethics in public life
   - Ethics in Economic Life
   - Freedom and Discipline
   - Duties and Rights
   - Virtue Ethics
   - Consequences of Ethics in Human Actions
   - Values and Ethics in Government: Legislature, Executive and judiciary

2. Human values
   - Human Values & Socialization
   - Individual Personality and Values
   - Values and Skill
   - Fundamental and Instrumental Values
   - Democratic values
   - Role of Ethical values in governance and society
   - Significance of values in civil services
   - Aesthetic values
   - Values in work life and professional ethics

3. Aptitude and Foundational Values of Civil Services
   - Essential Aptitude for civil servants
   - Foundational Values of Civil Services
   - Civil Services Accountability
   - Neutrality, Anonymity, Integrity, Humility, Adaptability, Magnanimity, Perseverance
   - Impartiality and Non-Partisanship
   - Tolerance and compassion for the Weaker section
   - Contribution to society by Civil Services

4. India & World Thinkers
   - Indian Thinkers
     - Mahatma Gandhi
     - Dr. S Radhakrishnan
     - Rabindranath Tagore
     - Swami Dayanand Saraswati
     - Mahadeva Govinda Ranade
     - Sri Aurobindo
     - Swami Vivekananda
     - Sardar Patel
     - Buddha
     - Bhim Rao Ambedkar
     - Raja Ram Mohan Roy
     - Chhatrapati Shahu Maharaj
- Mother Teresa
- Amitabha Chowdhury
- Aruna Roy
- T N Seshan
- E Sreedharan

**Administrative Thinkers**
- Max Weber
- Elton Mayo
- Peter Drucker
- Cheese Barnard
- Mary Parker Follet

**World Thinkers**
- Plato
- Aristotle
- Socrates
- Jeremy Bentham
- J.S. Mill
- Thomas Hobbes
- John Locke
- Jean Jacques Rousseau
- John Rawls
- Immanuel Kant
- Carol Gilligan
- Jean Paul Sartre
- Georg Wilhelm Friedrich Hegel
- Confucius
- Rene Descartes
- Karl Marx
- Adam Smith
- Thomas Aquinas
- David Hume
- Democritus
- Galileo
- Friedrich Nietzsche
- Montesquieu
- Voltaire
- Thomas Jefferson

**Indian & World Leaders**
- Benjamin Franklin
- Martin Luther King
- Dalai Lama
- Nelson Mandela
- Mahatma Gandhi
- Siddhartha Gautama
- Aung San Suu Kyi
- Swami Vivekananda
- Albert Einstein
- Abraham Lincoln
- Mother Teresa
- J L Nehru
- Lee Kuan Yew
- Henry Ford
- Abdul Kalam
- Muhammad Yunus
- Wangari Maathai
- Kofi Annan
- Lech Walesa
- Desmond Tutu
- Isaac Newton
- Elie Wiesel
- King Ashoka
- Sun Yat Sen

5. **Emotional Intelligence**
   - Concept of Emotional Intelligence
   - Models of emotional intelligence
     - Peter Salovey and John Mayer
     - Reuven Bar-on Model
     - Goleman's model
   - Utilities of Emotional Intelligence
   - Main Components of emotional intelligence
   - Importance of emotional intelligence in bureaucracy
     - Relevance of Emotional intelligence in Civil Services
   - Critiques of emotional intelligence

6. **Attitude**
   - Components of Attitude: Affective, Cognitive, Behavioral component
   - Functions of Attitude: Adjustive, Ego-Defensive, Value-Expressive, Knowledge Function
   - Attitude Formation Model
   - Impact of Beliefs and Values on Attitude
   - Group Influences
7. Ethics & Governance

- Values & Ethics in Public Administration
- Ethical Concerns in Public Institution
- Ethical Concerns in Private Institutions
- Ethical Dilemmas in Public and Private Institutions
- Laws, Rules and Regulations as Source of Ethical Guidance
- Accountability and Ethical Governance
- Strengthening of Ethical and Moral Values in Governance
- Moral Judgments in International Relations
- Ethical Relation in Funding
- International Relations and concept of Moral Responsibility
- Ethics in working of international organizations
- What is Corporate Governance?
- Models of Corporate Social Responsibility
- Steps taken by World Bank for Good Corporate Governance
- Norms for Corporate Government in India
- Concept of business ethics

8. Probity in Governance

- Concept of Public Service
- Philosophical basis of Governance and Probity

APPLIED ETHICS

1. Euthanasia Issue

- Social and Ethical perspective
- Different arguments related to Euthanasia

2. Surrogacy

- Case studies and Ethical Issues
- Concept of ethical surrogacy

3. Ethics & Sports

- Importance of sports
- Ethical Issue: Need for sportsmanship, Doping
- Ethical Issue: Discrimination and Sexual Harassment
- Ethical Issue: Sports as a Business
- Measures needed
### 4. Media Ethics
- Role of Media and Ethical Issues faced by Reporters
- Trial by Media and Media Prejudice
- Ethical Dilemma faced by Photo Journalists
- Digital Media Ethics
- Paid News

### 5. Business Ethics
- Principles of Business Ethics
- Dimensions related to Business Ethics in Organisation
- Business Ethics and Corporate Governance
- Journey from Philanthropy to Corporate Social Responsibility
- Issues related to Corporate Social Responsibility
- Issues in implementation of Business Ethics

### 6. Ethics Related to Economic Sanctions
- Why Economic Sanctions placed?
- Ethics in Economic Sanctions

### 7. Refugees & Ethics
- Why Migration occurs?
- Case study of Syria
- Dilemmas related to Refugee crisis
- Rohingya Crisis

### 8. Ethical Dilemmas of Globalization
- What is Globalization
- Free trade in Globalized world
- Issues with Newly Developed Trade Patterns
- Criticism against global regime

### 9. Ethics of War
- Ethics and War theories
- Evils of war

### 10. Environmental Ethics
- Linkage between Ethics and Environment
- Theories related to Environmental ethics ...
- Role of individual and society at large

### 11. Ethical Issues in Biotechnology
- Issues related to Stem Cell
- Issues related to cloning
- Issues related to designer babies
- Genetic engineering

### 12. Animal Ethics
- Issues of conducting research on animals
- Issue of keeping animals as pets
- Issue of Cruelty against animals

### 13. Food Adulteration and Ethics
- Ethical dimension
- Ethical issue related to food additive

### 14. Abortion: Ethical or Unethical
- Law of abortion in India
- Recent Supreme Court verdict
- Ethical Issue: Health of Women vs. foetus
- Justification for abortion - Argument against abortion
- Abortion and women rights
- Abortion and father rights
- Honour Killing
- Role of khap Panchayats

### 15. Marital Rape
- Why Marital Rape should not be criminalized?
- Why Marital Rape should be criminalized?
- What are the hurdles?

### 16. Child Labour
- Rights of children
- Child labour and company
- Role of consumer

### 17. Ethical Issues Involved in Juvenile Justice System
- Negative implications
- Ethics and Old Age
- Ethical issues
- Issues faced
- Importance of autonomy
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COMPLETE REVISION through 4000+ MCQs

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- This programme covers the complete syllabus including History, Geography, Polity, Economy, Science, Environment and Current Affairs with the correct mix of Fundamental and Advance level of study to cover micro detailing of sub-topics & current developments.
- 45 Concept cum Revision Classes (4-5 Hrs.) for covering basic concepts. In each session there will be a test of 50 questions (based on the topics given in schedule) followed by Class to cover basic aspects of each topic and approach to handle questions.
- The idea behind taking test before classes is that, first students should brainstorm on the given topics through the best to find their strong and weak areas. Then a class on same topics will provide a conceptual clarity that helps to revise the topics twice on the same day.
- 15 Current Affairs classes covering last 2 years current topics/issues, updates on Indian Year Book (I.Y.B), PIB, Budget and Economic Survey supplemented by notes.
- Current Affairs Classes will also include updates on Indian Year Book (I.Y.B), PIB, Budget and Economic Survey.
- Special Classes on Mapping (World & Indian Geography).
- Prelims Test Series including 20 Mock Test and 8 Current Affairs Tests.
- Complete Prelims Study Material & Prelims Current Affairs Material will also be provided (It will cover Current Affairs of past 2 years).

BATCH-3 STARTS 6 JANUARY 2020

Test Timings : 3:30 PM to 4:30 PM
Class Timings : 4:30 PM onwards

Office: 1B, 2nd Floor, Pusa Road, Karol Bagh, Delhi-110005 (Adjacent to Karol Bagh Metro Gate No. 8)