

IAS PRELIMS 2021

TARGET PT 2021

complete prelims

through

4500+MCQs

CONCEPTS CLASSISS. CURRENT AFFINATION OF STREET



CLASS

- 56 Concept cum Revision Classes with Daily Test
- 17 Prelims Current Affairs Classes + Test
- Subject wise Progress Assessment



PRELIMS TEST SERIES

- 6 Revision Tets
- 6 Sectional Tests
- 20 Mock Tests



STUDY MATERIAL

- Prelims Current Affairs Compilation
- **■** Prelims Fact File
- Quick Revision Notes



BATCH-2 STARTS

18 JANUARY 2021

Test Timings:
9:00 AM to 10:00 AM
Class Timings:
10:00 AM onwards



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Objective Objective



Prelims is all about managing micro detailing of subjects & handling negative marking. As aspirants tend to get confused about what to study and how to study (i.e. up to what level/extent) for Civil Services Prelims, GS SCORE Target PT Programme has been designed to help students to cover the whole syllabus effectively within a stipulated time and also have an assessment through Test Series.





The objective of this program is to reflect the aspirant's preparedness for the exam and to provide mentorship to improve in the right direction by pointing out the shortcomings.



The program is designed in such a way that the candidates will be able to assess their present level of preparation in each subject and to further track the deficiencies. With the help of self-assessments, tests, supporting study material and detailed classes, candidates will effectively improve in weak areas of each subject.



The session will start from self-assessment and will end with the final report of what you have achieved during this journey and which are the areas that need more in-depth study. Thus, this programme will help you to track your preparation for the prelims and have confidence about the completion of entire syllabus.

IAS 2021



COURSE Highlights

SELF ASSESSMENT

STEP

STEP

02

STEP

STEP

Students will be provided session wise check list of topics for selfassessment. After filling of each session's check list form you will be able to trace and assess your preparedness level and to know how much syllabus you have already covered and what left

DOUBT CLEARING SESSION.

Online doubt clearing session will be conducted with concerned faculties as per the schedule.

CONCEPT CUM REVISION CLASS

- There will be 56 Sessions with Daily Test followed by Concept cum **Revision Classes**
- ➤ The idea behind taking the test before classes; first students would brainstorm on the given topics through the test to find their strong and weak areas. Then a class on the same topics will provide a conceptual clarity that helps to revise the topics twice on the same day.

STEP CURRENT AFFAIRS CLASSES

There will be 17 days Current Affairs classes covering last 2 years current topics

PRELIMS TEST SERIES.

Revision Test

There will 6 Revision Test after ≺ completion of sessions of each subject.

All India Prelims Test Series will include

- 6 Sectional Tests ≺
 - 20 Mock Tests ∢

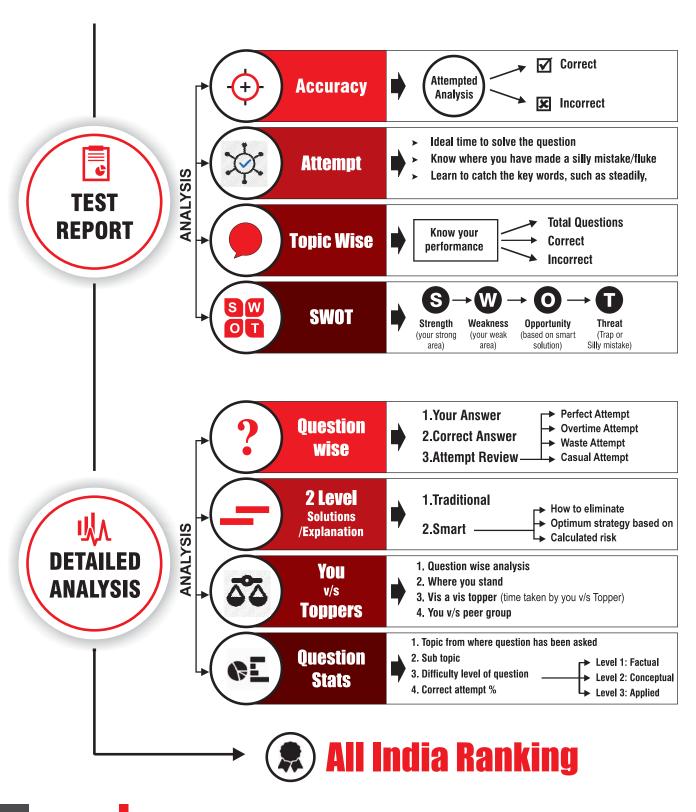
STEP

STUDY MATERIAL

Study Material will be provided in three parts:

- ➤ Comprehensive Quick Revision Notes
- ➤ Yearly Current Affairs Compilation
- Fact files of all subjects





IAS 2021



COURSE

Session Plan

Each Session Starts with Conceptual Tests on Mentioned Topics

GEOGRAPHY

GENERAL GEOGRAPHY & GEOMORPHOLOGY

- Universe
- Earth Evolution
- Earth's Interior
 - ➤ Interior of the Earth
 - ➤ Sources of Information
 - ➤ Theories
- Geology and Rock system
 - ➤ Minerals
 - Major Elements of the Earth's Crust
 - Rocks (Aggregate of Minerals)
- Geomorphic Processes
 - ➤ Earth's Surface
 - ➤ Endogenic Forces
 - Exogenic Forces
- Earthquakes and Volcanism
- Distribution of Continents & Oceans
 - ➤ Theories
 - ➤ Continental Drift Theory
 - ➤ Evidence in support of Continental Drift Theory
 - ▶ Isostacy
 - ➤ Sea Floor Spreading

- ➤ Forces of Drifting
- ➤ Post Drift Studies
- Convectional Current Theory
- ➤ Mapping of the Ocean Floor
- ➤ Plate Tectonics
- Plate Boundaries –
 Divergent Convergent –
 Transform
- Rates of Plate Movements
- ➤ Force of plate movement
- ▶ Indian Plate
- Landforms and their evolution
 - ➤ Causes
 - ▶ Geomorphic Agent
 - ➤ Agents and their Impacts
 - Wind, Running Water,
 Ground Water, Glaciers,
 Waves & Currents
 - Depositional Landforms
 - ➤ Running Water
 - Ground Water (Karst Topography)
 - ▶ Erosional Landforms
 - ▶ Depositional landforms
 - ➤ Glaciers
 - ➤ Waves and Currents
 - Weathering
 - ➤ Biological Weathering

18 January, 2021

	Effects of WeatheringSignificance of Weathering	► Mass Movementso Landforms across the world
SESSION:2 19 January, 2021	GEOGRAPHY CI	LASS CONTINUE
<u> </u>	OCEANO	GRAPHY
	 Hydroshpere Water on the Surface of the Earth Hydrological Cycle 	Vertical Currents ➤ Waves ➤ Tides ➤ Ocean Currents
	Submarine Relief Features	Marine Resources
	 Oceans Relief of the Ocean floor Divisions of the ocean floor 	Underground water resourceSurface water resources
	 Minor relief features Mid oceanic ridges Seamount 	Inland water resources: Utilization of inland water resources
SESSION:3 20 January, 2021	 Submarine canyons Guyouts Volcanic Islands Fracture Zones 	Oceanic Water Resources (Marine Resource)Utilization of oceans by
	➤ Hotspots ➤ Coral Islands ➤ Atoll	man ➤ Water consumption patterns
	 Temperature and Salinity 	➤ Conservation of Water
	 Temperature of the Ocean Water Salinity of the Ocean Water 	Resources Techniques of Water Conservation
	Factors affecting salinity	Ocean Deposits and Corals
	Density of Ocean WatersWaves, Ocean Currents, Tides	Terrigenous DepositsVolcanic Deposits
	 Movements of ocean Water Factors influencing Movement Motion – Horizontal and 	 Biotic deposits Abiotic Deposits Coral Reefs Great Barrier Reef



SESSION:4

21 January, 2021

CLIMATOLOGY

BIO-GEOGRAPHY

Atmosphere

- ➤ Composition
- ▶ Gases
- ▶ Water Vapour
- ▶ Dust Particles
- ➤ Structure
- ➤ Altitude vs. Temperature

Inversion of Temperature

- ▶ Temperature
- Factors controlling Temp distribution
- Distribution of Temp
- ➤ Range of Temp
- ➤ Inversion of Temperature

Insolation and Heat Budget

 Solar Radiation Heat Balance Temperature

Insolation

- ▶ Aphelion and Perihelion
- Variability of Insolation at the surface of the Earth
- ▶ Heat Balance
- Heating and cooling of atmosphere
- ➤ Terrestrial Radiation
- Heat Budget of the Planet Earth
- Macro Budget
- Variation in the net Heat Budget at the Earth's Surface

Winds and Pressure belts

 Atmospheric Circulation and Weather Systems

Soil Characteristics

- ➤ Soil Characteristics
- Factors Responsible for Soil Formation
- ➤ Stages of Soil Formation
- ➤ Soil Forming Processes
- Soil Profiles and Horizons
- ➤ Soil Classification
- Soil Erosion and Conservation

Vegetation Resources

- Types of natural vegetation
- ➤ Forests
- ➤ Significance of forests
- Economic significance,
 Ecological significance

- ➤ Cultural significance
- Factors of forest development
- ➤ Extent of forest cover
- ➤ Classification of forests
- ▶ Grasslands
- ➤ Desert vegetation
- ➤ Tundra Vegetation
- Economic utilization of forests
- ➤ Deforestation
- Deforestation in tropical forests
- Deforestation in temperate forests

SESSION:5

22 January, 2021

Agriculture Field

Industry

Transport

	 Rate and extent of deforestation Causes and factors of deforestation: Immediate causes of deforestation Indirect deforestation Underlying causes of deforestation Conservation of forests 	 Forest conservation strategies Reforestation Monoculture plantation Afforestation Types of forestry Social forestry Agro-forestry
SESSION:6 23 January, 2021	GEOGRAPHY CI	LASS CONTINUE
	INDIAN GE	EOGRAPHY
SESSION:7	 Physiography of India Geological Region Location Physiographic Sub-Units The Peninsular - Peninsular Plateaus Plains - Northern Plains of India Lakes Deserts Indian Coasts and Islands 	 Factors influencing the climate of India Monsoon Mechanism of the Monsoon EL NINO and LA NINA Seasonal rhythm Koppen's Climatic classification Indian Droughts and Floods Soils in India
	Drainage SystemClassification of Drainage	Natural Vegetation
25 January, 2021	Himalayan DrainageIndus river system	PopulationSettlements and Urbanization
	Indus drainage systemGanga River System	Land Resource
	Brahmaputra river system	Mineral Resource Fnorgy Resources
	Peninsular River SystemEast flowing RiversWest flowing Rivers	Energy ResourcesAgriculture BasicTerminologies
	Mains Rivers and their	J

banks

Climate

➤ Famous cities and river



HUMAN AND ECONOMIC GEOGRAPHY OF THE WORLD + WORLD REGIONAL GEOGRAPHY

Demography and Census

- Concept of human resources
- ➤ Factors affecting the distribution of Population
- Components of Population change
- Trends in Population Growth
- Doubling time of world population
- Spatial pattern of Population change
- ► Impact of Population Change
- ➤ Demographic Transition
- ➤ Theories of population growth
- Population Control Measures
- World population distribution, Density and Growth
- ➤ Population Composition
- ➤ Population problems
- ➤ Census 2011

Human Development

- ➤ Growth vs Development
- The four pillars of Development
- Approaches to Human Development
- Measuring Human Development
- Internation Comparisions
 of Human Development

Economic Activities

- ▶ Primary Activities
- ➤ Secondary Activities
- Classification of Manufacturing Industries
- ➤ Tertiary, Quaternary and Quinary Activities

Transport and Communication

- ➤ Transport
- **▶** Communications

International Trade

- History of international Trade
- ➤ Basis of International Trade
- Important aspects of International Trade
- Types of International Trade
- ➤ Case of Free Trade
- WTO World Trade
 Organisation and Regional
 Trade Blocs
- Gateways of International Trade

Settlement

- Types and Patterns of settlements
- ➤ Rural Settlements
- Urban Settlements
- ➤ Issues of Urbanization in India
- ➤ Rural Urban Migration
- ➤ Emergence of Slums
- Inclusive Cities/Smart cities

SESSION:8

27January, 2021



TARGET PT 2021

SESSION:9

28 January, 2021

GEOGRAPHY CLASS CONTINUE

31 January, 2021

GEOGRAPHY REVISION TEST



HISTORY

ANCIENT HISTORY - 1

PRE HISTORIC TIMES

- Periodization of Indian Pre History
- Sources of Pre History
- ➤ Palaeolithic Or Old Stone
- Mesolithic Or Middle Stone Age
- Neolithic Age Or New Stone Age
- ➤ Chalcolithic Age
- ➤ Major Chalcolithic Cultures
- ➤ Early Iron Age
- Geographical Distribution and Characteristics

INDUS VALLEY CIVILIZATION

- IVC Geography and Archaeological Findings
- ▶ IVC Society and Culture
- ➤ IVC Economy
- ▶ o Harappan Trade
- Decline of Harappan Culture

RIG VEDIC PERIOD

- Sources for Reconstructing Vedic Society and Culture
- Geography of the Rig Vedic Period - Area of Settlement
- Political Organisation and Evolution of Monarchy
- Social Organization
- ➤ Economy
- Religious Practices and Culture

LATER VEDIC PERIOD

- Geography of the later
 Vedic Phases Area of
 Settlement
- ➤ Political System
- Social Organisation and Varna System
- ➤ Economy
- Religious Practices and Culture

JAINISM

- ➤ Birth and Life of Mahavira (540- 468 B.C.)
- ➤ Teachings of Mahavira
- Organisation and Sects of Jainism
- ▶ Literature of Jainism
- Councils, Spread and Royal Patrons

BUDDHISM

- ➤ Birth and Life of Buddha (563-483 BC)
- ➤ Teachings of Buddha
- Organisation and Sects of Buddhism
- ➤ Literature of Buddhism
- Councils, Spread of and Royal Patronage
- ➤ Causes for the Decline

SESSION:10

01 February, 2021

MAHAJANAPADAS PERIOD

- Republics and Monarchies
- ▶ 16 Mahajanapadas
- Magadha
- ▶ Key Dynasties

- Persian Invasions
- ➤ Alexander's Invasion
- Society and Rise of urban centres
- ➤ Economy
- > System of Administration

ANCIENT HISTORY - 2

MAURYAN EMPIRE

- Sources: Inscriptions and Sites and
- Literary Sources (The Arthasastra)
- Rulers and Political History of the Mauryas
- Asoka's Inscriptions and Sites
- ➤ Asokan Reign
- ➤ Asoka and Buddhism
- Asoka Policy of Dhamma
- ➤ Mauryan Administration
- ➤ Foreign Relations
- ➤ Decline of the Mauryas

POST-MAURYAN INDIA

- ➤ Society: Evolution of Jatis
- ➤ Satavahanas
- ➤ Sungas and Kanvas
- ➤ Sakas
- ➤ Kushanas
- ➤ Kanishka

GUPTA PERIOD

- ➤ Sources of Gupta Rule
- Rulers and Political history of Guptas Chronology
- Foreign Travellers Visit Fahien's Visit
- ➤ Gupta Administration
- ➤ Other Important Dynasties

- Society Religion and Culture
- Urban centres in Gupta period
- ➤ Economy
- Science and Technology
- ▶ Literature
- Later Guptas
- ➤ Other Important Dynasties

HARSHAVARDHANA PERIOD

- ➤ Harsha Military Conquests
- Harsha and Buddhism
- ➤ Administration
- Society and Culture
- ➤ Economy

SANGAM PERIOD (SOUTH INDIAN DYNASTIES)

- ➤ Sangam Literature
- ➤ South Indian Dynasties
- Sangam Polity, Society and Culture
- ➤ Economy of Sangam Period
- ▶ Foreign Dynasties
- ➤ Commercial Contacts with the Outside World
- ➤ Schools of Art

SESSION:11

02 February, 2021



SESSION:12

03 February, 2021

SESSION:13

04 February, 2021

HISTORY CLASS CONTINUE

(INDIAN CULTURE) **VISUAL ARTS + PERFORMING ARTS**

VISUAL ARTS

- ➤ Architecture
 - Harappan Period
 - Mauryan Architecture
 - Post-Mauryan Period
 - Gupta Period
 - Temples of Khajuraho
 - Temples of Odisha
 - Temples of Gwalior
 - Temples of Gujarat
 - Temples of Rajasthan
 - Temples of Bengal
 - Temples of Assam
 - Temples of Himachal Pradesh
 - Temples of Jammu and Kashmir
 - Pallava Period Temples
 - Chola Period Temples
 - Pandya Temples
 - Vijaynagar Period **Temples**
 - NayakaTemples
 - Temples of Kerala
 - Rashtrakuta Period **Temples**
 - Schools of Temple Architecture
 - Indo-Islamic Architecture
 - Modern Architecture
- Sculptures

- ➤ Pottery Tradition
- Numismatics

PERFORMING ARTS

- ➤ Music in India
 - Classical Indian Music
 - Main Pillars of Indian Music
 - Forms of Indian Music
 - Musical Instruments
 - Institutions Related to Music in India
 - Folk Music
- ▶ Dances in India
 - Concept of Dance in India
 - Concept of Ashta Nayika
 - Rasa and Bhava
 - Eight Classical Dance Forms in India
 - Folk Dances
 - Modern Dances
- ➤ Sports in India
 - Various Type of Sports
 - Genesis of Martial Arts
 - Forms of Traditional Martial Arts
 - Animal Sports
- ➤ Indian Theatre
 - History of Theatre in India
 - Classical Sanskrit Theatre
 - Traditional Theatre

- ➤ Paintings

	 Regional Theatre Modern Theatre in India Renaissance of Indian Theatre Cinema in India Indian Puppetry 		
	(INDIAN CULTURE) RELIGION, LANGUAGE & LITERATURE + MISCELLANEOUS		
SESSION:14 05 February, 2021	 ■ RELIGION, LANGUAGE & LITERATURE ▶ Religions in-India ■ Pre-Vedic Religion ■ Hinduism ■ Buddhism ■ Jainism ■ Sikhism ■ Islam ■ Christianity ■ Zoroastrianism ■ Philosophy in India ■ Bhakti Movement ■ Saints of Bhakti Movement ■ Sufism ■ Languages and Literature in India ■ Classical Language ■ Sanskrit Literature ● Pali Literature Tamil Literature Malayalam Literature Malayalam Literature Malayalam Literature Malayalam Literature Malayalam Literature Guia Literature Bengali Literature Gujarati Literature Rajasthani Literature Marathi Literature Hindi Literature Urdu Literature Urdu Literature Influence/Contribution of foreign languages & Literature to India language Miscellaneous 		
SESSION:15	INDIAN CULTURE: CLASS CONTINUE		
06 February, 2021			
	MEDIEVAL HISTORY		
SESSION:16	 Major Dynasties (750-1200) Of Early Medieval India The Delhi Sultanate (1206-1526 Ad) 		
08 February, 2021	 Cholas And Other South Indian Kingdoms India (Afghans, Rajputs And Mughals) Early Muslim Invasions 		

SESSION:17

09 February, 2021



- The Establishment Of The North Indian Empire
- Consolidation And Expansion Of The Empire – Akbar
- State And Government Under Akbar
- Akbar's Religious Views
- The Deccan And The Mughals (Up To 1657)
- Foreign Policy Of The Mughals
- India In The First Half Of The Seventeenth Century
- Climax And Crisis Of The

- Mughal Empire: The Marathas And The Deccan
- The Maratha And Other Indian States And Society In The 18th Century
- Vijayanagar Empire
- Regional States In The Medieval Period
- Northern India In The First Half Of The Eighteenth Century
- Society-Structure And Growth
- Economic Life-Patterns And **Prospects**

MODERN HISTORY 1

THE ADVENT OF EUROPEANS IN INDIA

- ➤ The Portuguese in India
- ➤ De Almeida
- ➤ Albuquerque
- Causes of failure of Portuguese empire in India
- ➤ The Dutch in India
- ➤ The Danes in India
- ➤ The English
- ➤ The French
- ➤ Anglo-French Rivalry
- ➤ First Carnatic War
- ➤ Rise of the Hyderahad State
- ➤ The Second Carnatic War
- ➤ The Third Carnatic War
- ➤ Causes of English Succes

BRITISH EXPANSION IN **INDIA**

Bengal

- ➤ Anglo Maratha Wars
- ➤ The Subsidiary Alliance System
- ➤ Second Phase of British
- ➤ Expansion In India
- ➤ The Conquest of Sindh
- ➤ Anglo-Sikh Wars
- ▶ Doctrine of Lapse
- ➤ Annexation of Oudh

ADMINISTRATION BEFORE 1857

- ➤ The Dual System
- ➤ The Charter Acts
- ➤ Judicial System
- ➤ Impact of British Administration

ECONOMIC POLICIES OF THE **BRITISH**

➤ Phase of Mercantilism (1757-1813)

- ➤ Phase of Free Trade (1813-1858)
- ➤ Phase of Finance Imperialism (1858 onwards)

IMPACT OF BRITISH **ADMINISTRATION**

- ➤ Industrialization—Ruin of Artisans and Handicrafts men
- ► Impoverishment of Peasantry
- ➤ Emergence of New Land Relations. Ruin of Old Zamindars
- ► Land Revenue Policy
- ➤ Impact of British Policy on **Indian Economy**
- ➤ Drain of Wealth Theory
- Stagnation and **Deterioration of Agriculture**
- ➤ Commercialization of Indian Agriculture
- ➤ Development of Modern Industry
- ➤ Rise of Indian Bourgeoisie

- ➤ Economic Drain
- ➤ Famine and Poverty
- ➤ Nationalist Critique of Colonial Economy
- ➤ Abolition of the Dual System

THE REVOLT OF 1857

- Causes of the Revolt
- ➤ Centres and Spread of the Revolt
- ➤ Leaders of the Revolt
- ➤ Causes of Failure of the Revolt
- ➤ Nature and Impact of the Revolt
- ➤ Consequences

ADMINISTRATIVE CHANGES **AFTER 1857**

- ➤ Administration Central. Provincial, Local
- ➤ Changes in the Army
- ➤ Public Services
- ➤ Princely States
- ➤ Foreign Policy

MODERN HISTORY 2

DEVELOPMENT OF CIVIL **SERVICES**

- ▶ Indian Civili Services Act, 1861
- ➤ Aitcision Comminittee on Public Services (1886)
- ➤ Montford Reforms (1919)
- ➤ Lee Commission (1924)
- Government of India Act, 1935

DEVELOPMENT OF

EDUCATION

- ➤ Charter Act of 1813
- ➤ Orientalist-Anglicism Controversy
- ➤ Efforts of Thomson
- ➤ Wood's Dispatch (1854) **Hunter Education Commission** (1882-83)
- ► Indian Universities Act, 1904
- ➤ Government Resolution on Education Policy-1913

SESSION:18

10 February, 2021



- ➤ Saddler University
- ➤ Commission (1917-19)
- ➤ Education Under Dyarchy
- ➤ Hartog Committee (1929)
- Wardha Scheme of Basic Education (1937)
- ➤ Sergeant Plan of Education
- ➤ Kothari Education Commission (1964-66)
- Development of Vernacular Education
- Development of Technical Education
- Evaluation of British Policy on Education

DEVELOPMENT OF PRESS

- Different Publications and Journals
- Acts related to Press
- ➤ Struggle by Early Nationalists to
- ➤ Secure Press Freedom
- During and After the First World War
- During the Second World War
- After Independence

SOCIO-RELIGIOUS REFORMS

- ➤ Factors causing Reforms
- ▶ Directions of refroms
- ➤ Hindu Reform Movements
- ➤ Reform Movements Among

Muslims

- ➤ Sikh Reform Movement
- ➤ Parsi Reform Movement
- Significance of Reform Movements
- Impact of Reform Movements

PERSONALITIES

- ➤ Raja Ram Mohan Roy
- ➤ Swami Vivekananda
- SwamiDayanandaSaraswati
- ► Ishwar Chandra Vidyasagar
- ➤ Keshab Chandra Sen
- Sri RamakrishnaParamhamsa
- ➤ Mahadev Govind Ranade
- ➤ Annie Besant-Theosophical Society
- Syed Ahmad Khan
- ▶ Baba Dayal Das
- Pandita Ramabai Sarojini Naidu
- ▶ Jyotiba Phule
- Dr.Bhimrao Ramji Ambedkar

PEASANT, TRIBAL AND OTHER MOVEMENTS

- Tribal Movements
- ▶ Peasant Movements

SESSION:19

11 February, 2021

REVOLUTIONARY NATIONALISM

➤ Early Phase Indian National

Congress

MODERN HISTORY 3

➤ The Moderate Congress (1885-1905)

GSSCORE

TARGET PT 2021

- ➤ Opinion Against Economic **Exploitation Administrative Reforms Constitutional** Reforms: Weaknesses & Evaluation
- ➤ The Extremist (1905-1920)
- ➤ Differences between the Moderates and the **Extremists**

INDIAN NATIONAL **MOVEMENT - I (1905-1918)**

- ➤ Partition of Bengal (1905)
- Swadeshi Movement
- ➤ Muslim League, 1906
- Surat Session of INC, 1907
- ▶ Indian Council Act (Morley-Minto Act) 1909
- ➤ Ghadar Party, 1913
- ➤ Komagata Maru Incident 1914
- ➤ The Lucknow Pact (1916)
- ➤ Home Rule Movement (1915-1916)
- ➤ August Declaration, 1917

INDIAN NATIONAL **MOVEMENT -II (1918-1929)**

- ➤ World War I-Reforms and Agitation
- ➤ Champaran Satyagraha (1917)
- ➤ Ahmadabad Mill Strike (1918)
- ➤ Kheda Satyagraha (1918)
- ➤ The Government of India Act, 1919
- Rowlatt Act and Jallianwala Bagh Massacre (1919)
- ➤ Khilafat Movement

- ➤ The Non-Cooperation Movement (1920-22)
- ▶ Bardoli Resolution
- ➤ Nagpur Session of Congress
- ➤ Swaraj Party and its Evaluation
- ➤ Muddiman Committee (1924)
- ➤ Simon Commission (1927)
- ➤ Bardoli Satyagraha (1928)
- ➤ Nehru Report (1928)
- ▶ Jinnah's Fourteen Points
- ► Lahore Session, 1929
- ➤ Conference, 1930
- ➤ Gandhi-Irwin Pact. 1931
- ➤ Karachi session of 1931
- ➤ Second Round Table Conference, 1931
- ➤ Civil Disobedience Movement (Second-Phase)
- ➤ Third Round Table Conference (17 November 1932)
- ➤ Communal Award
- ➤ Poona Pact, 1932
- ➤ Government of India Act. 1935
- ➤ World War II and Indian Nationalism
- ➤ Resignation of Congress Ministers (1939)
- ➤ Poona Resolution and **Conditional Support to** Britain (1941)
- ➤ August Offer of 1940
- ➤ The Individual Civil Disobedience
- Two-Nation Theory
- ➤ Cripps Mission (1942)

14 February, 2021



➤ Demand for Pakistan ➤ Cabinet Mission (1946) ➤ Wavell Plan (1942)➤ Jinnah's Direct Action ➤ Quit India Movement ➤ Azad Hind Fauj Resolution ► Indian National Army Mountbatten Plan of June ➤ N.A. Trials 1947 ► I.N. Rebellion ➤ Indian Independence Act ➤ Rajagopalachari Formula, 1947 1945 GOVERNOR GENERALS ➤ Desai - Liagat Pact **DURING BRITISH INDIA** SESSION:20 **MODERN HISTORY: CLASS CONTINUE** 12 February, 2021

HISTORY REVISION TEST



INDIAN POLITY

EVOLUTION OF THE CONSTITUTION + SALIENT FEATURES OF INDIAN CONSTITUTION

EVOLUTION OF THE CONSTITUTION

- ➤ The Company Rule (1773-1858)
- ➤ Regulating Act, 1773
- ➤ Amending Act, 1781
- ➤ Pitt's India Act, 1784
- ➤ Amending Act of 1786
- ➤ Charter Act, 1793
- ➤ Charter Act, 1813
- ➤ Charter Act, 1833
- ➤ Charter Act, 1853
- ➤ The Crown Rule (1858-1947)
- ➤ Government of India Act, 1858
- ▶ Indian Councils Act, 1861
- ► Indian Councils Act, 1892
- ► Indian Councils Act, 1909
- Government of India Act, 1919
- ➤ Simon Commission
- ➤ Government of India Act. 1935
- ► Indian Independence Act, 1947
- ➤ Drafting and Sources of Indian Constitution)
- ➤ Seminal Sources
- ▶ External Sources
- ▶ Developmental Sources
- ➤ Constitutional Practices
- ➤ Important Committees of the Constituent Assembly and their Chairman

SALIENT FEATURES OF INDIAN CONSTITUTION

- Constitution and Types
- ➤ Types of Political System
- ➤ Types of Majorities as per the Indian Constitution
- ➤ Preamble and Values in the Constitution
- ➤ Amendment of the Constitution
- ➤ Procedure for amendment
- ➤ Types of Amendments
- Amendability of FR's
- ► Ingredients of basic structure
- ▶ Doctrine and Terms
- Doctrine of severability
- Validity of Re-**Constitutional Laws**
- ➤ Doctrine of Eclipse
- ➤ Doctrine of Harmonious Construction
- Doctrine of Pith and Substance
- ▶ Doctrine of Colorable Legislation (Article 246)
- ➤ Doctrine of Territorial Nexus
- ➤ Doctrine of Laches
- ▶ Due Process of Law
- Procedure Established by Law
- ➤ Other Constitutional **Dimensions**
- Schedules and Subjects
- Official Languages

SESSION:21

15 February, 2021



SESSION:22 16 February, 2021	FUNDAMENTAL RIGHTS	ORY + CITIZENSHIP + + DPSP + FUNDAMENTAL TIES	
	 Right to Freedom of Religion 	Part IV • FUNDAMENTAL DUTIES	
SESSION:23 17 February, 2021	POLITY: CLASS CONTINUE		
=	UNION EXECUTIVE + STATE EXECUTIVE		
SESSION:24 18 February, 2021	 UNION EXECUTIVE President Eligibility Conditions of Office Term of Office Election Manner of Election Impeachment of the President Impeachment of the President Vacancy in the Office of President 	 Powers of the President Vice President Qualification Conditions of Office Term of Office Election Removal Vacancy Functions of the Vice-President The Prime Minister Appointment 	

- Eligibility
- Powers and Functions of Prime Minister
- Relationship between the President and the Prime Minister
- ➤ Deputy Prime Minister
- > Prime Minister's Office
- **▶** Union Council of Minister
 - Article 74
 - Article 75
 - Article 77
 - Article 78
 - Nature of advice by **Ministers**
 - Strength of the Council
 - Appointment of a Nonlegislator as a Minister
 - Collective responsibility of the Ministers
 - Individual Responsibility of Ministers

STATE EXECUTIVE

- ➤ Governor
 - Article 152: Definition
 - Article 153: Governors of States
 - Article 154: Executive power of State
 - Discretionary power
 - Article 155: Appointment of Governor
 - Article 156: Term of

- office of Governor
- Article 157: Qualifications for Appointment as Governor
- Article 158: Conditions of Governor's office
- Article 159: Oath or affirmation by the Governor
- Article 160: Discharge of the functions of the Governor in certain contingencies
- Article 161
- Article 162: Extent of executive power of State
- Recommendations on the office of Governor
- ARC (Administrative Reforms Commission)
- Sarkaria Commission
- National Commission to Review the working of the Constitution

➤ The Chief Minister and the CoM

- Powers and Functions of Chief Minister
- Composition of the **Council of Ministers**
- Responsibility of Ministers
- Advocate-General for the State

UNION LEGISLATURE + STATE LEGISLATURE

SESSION:25

19 February, 2021

UNION LEGISLATURE

- Organisation of Parliament
 - Organisation of **Parliament**

 Qualifications and Disqualifications for being a Member of Parliament (Article 84)



- Functioning of the **Parliament**
- Sessions of Parliament
- Devices of Parliamentary **Proceedings**
- Parliamentary Privileges and Immunities
- Collective Privileges of the House
- Individual Privileges
- Houses of the **Parliament**
- Parliament, Lok Sabha and Rajya Sabha
 - Lok Sabha Composition
 - Rajya Sabha Composition
 - Presiding Officers of the Parliament
 - Speaker
 - Powers & Functions of the speaker
 - Deputy Speaker
 - Panel of Chairpersons of Lok Sabha
 - Speaker Pro Tem
 - Chairman of Rajya Sabha
 - Deputy Chairman of Rajya Sabha
 - Panel of Vice-Chairpersons of Rajya Sabha
 - Chairman and Deputy chairman of the Council of States
- ➤ Legislative Procedure and

Committees of Parliament

- Legislative Procedure in **Parliament**
- Ordinary Bill
- Money Bill
- Financial Bill
- Constitution Amendment Bill
- Lapsing of Bills
- Annual Financial Statement: Budget (Article 112)
- Demand of Grants
- Appropriation Bill
- Cut motions
- Stages in Enactment of Budget
- Other Grants
- Related Information of Budget
- Parliamentary committees

STATE LEGISLATURE

- Legislative Assembly
 - Legislative Assembly (Vidhan Sabha)
 - Powers and Functions
 - Speaker & Deputy Speaker
 - Parliament's Control over State Legislature
- ➤ Legislative Council (Article 169)
 - Oualifications
 - Powers and Functions

SESSION:26

20 February, 2021

POLITY: CLASS CONTINUE



SESSION:27

22 February, 2021

THE JUDICIARY

THE JUDICIARY

- ➤ The Supreme Court
 - Chief Justice of India
 - Acting Chief Justice of India
 - Appointment of Supreme Court Judges
 - Qualifications for Supreme Court Judges
 - Removal of a Supreme **Court Judges**
 - Process of **Impeachment**
 - Ad hoc and Retired Judges
 - Salaries and allowances of SupremeCourt **Judges**
 - Chief Justices of India (Since 1951)
 - Jurisdiction of the Supreme Court
 - Judicial Independence

- Judiciary Executive Relations
- ➤ The High Court Subordinate Courts & Lok Adalats
 - The High Courts
 - Jurisdiction of the High Courts
 - Subordinate Courts
 - Gram Nyayalayas Act, 2008
 - Alternative dispute Resolution
 - Lok Adalat
 - All India Judicial Service
 - E-governance in Judiciary
 - Judicial Impact Assessment
 - Judges Standards and AccountabilityBill, 2010
 - National Legal Services Authority (NALSA)

LOCAL GOVERNMENT + UNION TERRITORIES AND SPECIAL AREAS

SESSION:28

23 February, 2021

LOCAL GOVERNMENT

- ▶ Panchayati Raj
 - Evolution of the Panchayati Raj Institution (PRI)
 - 73rd Amendment Act of 1992
 - Compulsory and **Voluntary Provisions**
- ▶ Urban Local Government
 - 74th Constitutional Amendment Act

 Types of Urban Governments In India

UNION TERRITORIES AND SPECIAL AREAS

- ➤ Union Territories
 - Creation of Union **Territories**
 - Administration of UT's
 - Special provisions for Delhi
 - Special Category Status



	 Schedule and Tribal Areas Administration of Schedule Areas 	 Administration of Tribal areas
	BODIES + POLIT o CONSTITUTIONAL & NON	NON CONSTITUTIONAL FICAL DYNAMICS • Central Information
SESSION:29	CONSTITUTIONAL BODIES Constitutional Bodies Finance Commission Comptrollerand Auditor General of India Attorney-General of India Other Constitutional Bodies State Public Service	Commission State Information Commission Lokpal and Lok Ayukta National Human Rights Commission State Human Right Commission CVC (Central Vigillance Commission)
24 February, 2021	Commission (SPSC) Joint State public Service Commission (JSPSC) National Commission For SCs National Commission For STs Special Officer for Linguistic Minority The Advocate General (Article 165) Non Constitutional Special officer for linguistic Minorities	 POLITICAL DYNAMICS Political Parties and Election Electoral System in India Electoral Reforms Since 1988 Salient features of the Representation of People Act, 1950 Types of Political Parties Party System in India Political Parties in India Pressure Groups
SESSION:30	POLITY: CLA	SS CONTINUE
25 February, 2021		
SESSION:31		NANCE-1
26 February, 2021	SYSTEM OF GOVERNANCE➤ Centre-State Relations	 Legislative relations (Articles) 245

- Related to Territorial **Powers**
- Related to Legislative **Powers**
- Related to Parliament's Powersto make Laws in State
- Sarkaria Commission's **Opinionon Legislative** Relations
- Administrative Relations
- Delegation of Union **Functions to the States**
- Sarkaria Commission's Opinionon Administrative Relations
- Financial relations
- National Integration Council
- ➤ Inter State Relation

- Inter state water dispute
- Inter state councils
- Inter state trade and commerce
- Zonal Councils
- ➤ Special Provisoions for some States
 - Provisions for Maharastra and Gujarat, Nagaland, Assam and Manipur
 - Provisions for Jammu and Kashmir (A370) (now abrogated)
- ➤ Types of Emergencies
 - National Emergency
 - Constitutional/State Emergency / President's Rule
- ➤ Financial Emergency

GOVERNANCE-2

Governing Institutions in India

- Structure of Ministries/ departments
- Political head
- ➤ Secretariat organization secretary
- ➤ Functions of the secretariat
- Functions of attached and subordinate office
- ➤ Other organizations
- Public sector undertakings
- ➤ The Executive organization
- ➤ Advantages of the separation of secretariat and executive organization.
- Strengths and weaknesses of the existing structure

➤ Recommendations for improving the Organizational structure

Audit and other Transparency initiatives

- ► CVC
- ➤ CAG
- ▶ Lokpal
- ► Lok Ayukta

Role of SHG, NGOs, Civil Society

- ➤ SHGs
- ▶ NGOs
- Micro Finance Institutions
- **Social Sector Bills**
- **Welfare Schemes**

SESSION:32

27 February, 2021

IAS 2021



SESSION:33

01 March, 2021

GOVERNANCE: CLASS CONTINUE

04 March, 2021

POLITY & GOVERNANCE REVISION TEST



ECONOMY

BASIC CONCEPTS + ECONOMIC MEASUREMENTS

- BASIC CONCEPTS
 - Macroeconomic Concepts
 - ➤ Microeconomic Concepts
- ECONOMIC MEASUREMENTS
 - National Income Concepts and Methods of Calculation
 - National Income
 - Real National Income
 - Calculating National Income
 - Gross Fixed Capital Formation (GFCF)
 - National? Organizations? Related to National Income Accounts?
 - Latest India's National **Income Estimates**
 - New Series of National Statistics (Base Year 2011-12)

- Annual Estimates of Expenditures on GDP
- Per Capita Income
- **Purchasing Power Parity**
- Lorenz Curve
- Philip's Curve
- Gini Coefficient
- ➤ Inflation
 - Concepts and Types of Inflation
 - Causes of Inflation
 - Effects of Inflation
 - Measures of Inflation
 - Change in Reporting of Inflation
 - Measures to Check Inflation??
 - Economic Growth and Development

SESSION:35

SESSION:34

05 March, 2021

06 March, 2021

SESSION:36

08 March, 2021

SECTORS OF ECONOMY

CLASS CONTINUE

MONEY & BANKING

SESSION:37

09 March, 2021

MONEY AND BANKING

- Money Function and Classification
- Money Concept
- Measures of Money Supply in India
- Indian currency system



- Broad & Narrow Money
- Money multiplier
- Digital Money
- New Monetary Aggregates
- Monetary Policy
- Financial Market and its Instruments
 - Concept and functions of financial markets
 - Importance of money market
 - Types of capital market
 - Distinguish between capital market and money market
 - Nature and functions of a stock exchange
 - Advantages of stock exchanges
 - Limitations of stock exchanges
 - The stock exchanges in India
 - Insurance Industry -Insurance Industry and Reforms
 - Role of Financial Regulators: SEBI & IRDA
- ➤ Banking Structure in India
 - Scheduled Commercial Banks
 - Nationalized?Banks
 - Public Sector Banks?
 - Private Banks
 - Foreign Banks

- Regional Rural Banks
- Scheduled Co-operative Banks
- Reserve Bank of India (RBI)
- Methods of Credit Control
- Cash Reserve Ratio
- Statutory Liquidity Ratio (SLR)
- Repo Rate
- Reserve Repo Rate
- Call Rates
- Marginal Standing Facility (MSF)
- Bank Rate
- Banking Sector Reforms in India
- Differentiated Banks
- New banking licence
- White Label ATM
- Unified Payments Interface
- Bank Board Bureau
- Marginal Cost of Funds Based Lending Rate
- Priority Sector Lending Certificates
- Concept of Micro ATM
- Banking Reforms
- Basel Norms
- Banking Ombudsman
- Development Financial Institutions
- Insurance Companies
- Recent developments in Economic Sector

SESSION:38

10 March, 2021

PLANNING + PUBLIC FINANCE IN INDIA

- PUBLIC FINANCE IN INDIA
 - Budgeting
 - Union Budget

- Plan and Non Plan Expenditure
- Revenue Receipts
- Tax Revenue Receipts

- Non-Tax Revenue Receipts
- ➤ Fiscal Policy
 - Fiscal Responsibility and Budget Management (FRBM) Act, 2003
 - Revenue Deficit, Fiscal Deficit, Primary Deficit
 - Deficit and Surplus Budget
 - Deficit Financing
- ➤ Centre State Distribution
 - Finance Commission (A280)
- ➤ Tax Structure in India
 - Tax Direct Tax, Indirect Tax
 - Methods of Taxation Progressive,
 - Regressive, Proportional
 - Value Added Tax VAT in India
 - Goods and Services Tax GST, GST Council
 - Service Tax
 - DTC Direct Tax Code
 - PLANNING
- Meaning Objectives and History
 - Meaning of Economic Planning

- Objectives of?Planning
- Strategies of Planning
- Regional and National Planning
- Imperative and Indicative Planning
- History of Planning in India
- Visvesvaraya Plan, Gandhian Plan FICCI Proposal, Congress Plan Bombay Plan
- Planning Commission and National Development Council(NDC)
- Central Planning 5 Year Plans, 20 Point Program, MPLADS
- Decentralized Planning
- ➤ Planning Institutions
 - Planning Commission
 - NITI Aayog
 - National Development Council (NDC)
- ➤ Five Year Plans in India
 - 12th Five Year Plan (2012-2017)
 - Alternative Scenarios During 12th Plan
 - Economic Reforms

OPEN ECONOMY

OPEN ECONOMY

- ➤ Foreign Trade Concepts
 - Balance of Payments
 - Foreign Capital FDI, FPI, FII, QFH
 - Foreign Exchange-Exchange Rate NEER & REER, ETF
 - FERA & FEMA
 - Capital Account Convertibility in India
 - India's External Debt
 - NRI Deposits
 - Trade Composition
- Trade Policy and Agreements

- ➤ Exchange Rate
- ➤ International Organization
 - United Nations
 - Food and Agriculture Organization (FAO)
 - International Civil Aviation Organization (ICAO)
 - International Fund for Agricultural Development
 - International Labour Organization (ILO)
 - International Maritime Organization (IMO)
 - International Monetary Fund
 - International Telecommunication Union

SESSION:39

11 March, 2021





ENVIRONMENT

ENVIRONMENTAL ECOLOGY

Origin of Life forms

Basic Concepts of Ecology

- Ecological Hierarchy
- Scope of Ecology
- ► Habitat & Ecological Niche
- ➤ Deep vs Shallow Ecology
- **Ecological Principles**
- ➤ Ecological Community
- ► Ecological Succession
- ➤ Range of Tolerance, Maximum
- Difference between Ecology , **Environment and Ecosystem**

Ecosystem functions

- ► Ecosystem Definitions
- ► Functions and Properties of Ecosystem
- ➤ The Structure/Components of Ecosystem
- ➤ Ecosystem Dynamics
- Biomagnifications
- ▶ Biological Control

Population Ecology

- ➤ Types of species
- ▶ Population Ecology
- ➤ Population Growth Models
- ➤ Methodology of Tiger census
- ➤ Methodology of Lion Census

Adaptation of Species and **Interactions**

- Adaptation
- Homeostasis
- Interaction between Species
- Ecotone

- ▶ Endemic Species
- ➤ Keystone Species
- ▶ Indicator Species
- ► Invasive Species
- ► Allopatric and Sympatric Speciation

Terrestrial Ecosystems

- ➤ Terrestrial ecosystem
- ➤ Forest Ecosystem in India
- Grasslands
- Tundra
- ▶ Deserts
- Mountains

Aquatic Ecosystem

- ➤ Aquatic ecosystem
- > Factors affecting the productivity of aquatic ecosystems
- ➤ Fresh water ecosystem
- ► Marine ecosystem
- ► Marine Organisms
- ➤ Plankton
- ➤ Phytoplankton
- ➤ Factors Affecting Phytoplankton Biodiversity
- ➤ Human Modified Ecosystems

Nutrient Cycling

- ➤ Concept of Biogeochemical Cycle
- ➤ Carbon Cycle
- ➤ Hydrological Cycle
- ▶ Nitrogen Cycle
- ➤ Oxygen Cycle
- ➤ Sulphur Cycle
- ➤ Phosphorus Cycle

SESSION:42

SESSION:41

15 March, 2021

16 March, 2021

BIODIVERSITY

Basics of Biodiversity

Biodiversity



- Types of biodiversity
- Patterns of biodiversity
- ➤ Bio-geographical classification of World
- ➤ Bio-geographical classification of India
- Functions of biodiversity
- ➤ Hotspots of biodiversity
- ▶ Bio informatics
- ➤ Eco Regions
- ➤ Role of Traditional Knowledge in Biodiversity
- Biopiracy
- Animal and Plant Diversity
 - ➤ Plant and Animal Kingdom

- ➤ Threats to biodiversity
- ➤ Biodiversity Conservation
- National Parks
- ➤ Wildlife Sanctuaries
- ▶ Biosphere Reserves
- Species based conservation programmes
- ► Important Coastal and marine Biodiversity Areas
- ➤ Global initiative
- ➤ Estuaries
- ▶ Mangroves
- Coral Reef
- Wetlands

ENVIRONMENTAL POLLUTION + RESOURCE DEGRADATION & MANAGEMENT

Basics of Pollution

- ➤ Sources of pollution
- Classification of pollutants
- ➤ Pollution Indicator species

Mining and Pollution

- Mining and Environment
- ➤ Sensitivity of Select **Ecosystems to Mining**
- ➤ Impact of Mining
- ➤ Indirect Impact of Mining
- ➤ International Laws on Mining
- ➤ Main Act or Statue to regulate the impact of
- ➤ Indian Mining Sector
- Sustainable Mining

Air Pollution

- ➤ Causes of air pollution
- Harmful Effects of air

pollution

- > Top-ten gases in air pollution
- ➤ Control of Air Pollution
- Concepts related to Air pollution
- ➤ Marine Pollution
- ➤ Noise Pollution
- ➤ Biological Pollution
- ➤ Radioactive Pollution
- ➤ Thermal Pollution
- ➤ Waste Management

Land Resource

- ➤ Causes of land degradation
- Impact of land degradation
- ▶ Desertification
- ➤ Sustainable Land Management

SESSION:43

17 March, 2021

Forest Resource ➤ Soil Profiles and Horizons ➤ Type of Soils Definition of forests by FSI ➤ Soils in India ➤ Types of Forest Cover ➤ Soils in World ➤ Forest Survey of India (FSI ➤ Soil Erosion report 2017) ➤ Problems due to excessive ➤ Types of Forests In India irrigation ▶ Deforestation ➤ Soil Conservation ➤ Causes of Deforestation ➤ Soil health card scheme ➤ Consequences of ➤ Organic Farming Deforestation on the Water Pollution Wildlife of India > Strategies for Reducing ➤ Surface Water Resource Deforestation ➤ Ground Water Resources Sources of Water Pollution ➤ Government Programmes ➤ Measurement of Water for Conservation of Forests pollution Soil Resource ➤ Causes of Water Pollution Soil Characteristics and ➤ Harmful effects of water Soil formation process pollution Factors Responsible for Other terms associated Soil Formation with water pollution ➤ Soil Forming Processes ➤ Energy Resources SESSION:44 **ENVIRONMENT CLASS CONTINUE** 18 March, 2021 **CLIMATE CHANGE** Climate Change Basics global warming ➤ What is Climate Change? ➤ Ecological footprint ➤ What is Global warming? ➤ Carbon footprint ➤ Factors Affecting Climate Global Warming Potential SESSION:45 Change (GWP) Causes of climate change

19 March, 2021

- Urbanization and climate change
- ➤ Impact of agriculture on climate
- ➤ Non green House Gases and Aerosols
- Radioactive forcing and

Climate Change Impact

- ➤ Impacts of the Climate Change
- ➤ Global Warming & Health
- ➤ Climate change mitigation



,	ENVIRONMENTAL GOVERNANCE
SESSION:46 20 March, 2021	 Acts and Policies Constitutional Provisions related to environment Wildlife Protection Act 1972 Environmental Protection Act Process National Forest Policy Biological Diversity Act 2002 Schedule Tribes and Other Forest Dwellers Act 2006 Coastal Regulation Zone Wetland Rules 2010 National Green Tribunal Ozone Depleting Substance Rules Environment Impact Assessment (EIA) What is EIA? Brief History of EIA in India EIA process in India Environmental Appraisal Process Environmental Appraisal Process Environment Management Environment Management Environment Impact India and Climate Change Environment India Environmental schemes in India
SESSION:47 22 March, 2021	ENVIRONMENT CLASS CONTINUE
	ENVIRONMENT REVISION TEST



SCIENCE & TECHNOLOGY

SCIENCE & TECHNOLOGY IN INDIA

- Policy Development of S&T in India
 - Role of S&T in the **Developing World**
 - ➤ S&T Policy in India
 - ➤ Science and technology as a source of Human Resource Development
 - Awards related to Science
 - New Initiatives Aligned with the National Agenda
 - ➤ India and World collaboration in science projects
 - ➤ Technology Vision Document 2035
 - National Biotechnology **Development Strategy** 2015-2020
 - ➤ National Intellectual **Property Rights Policy**
 - Organ donation rules in India

- ➤ Policy on Synthetic Biology
- Different Organization Institution and Various Department for the S&T
 - ➤ List of Various Centre Institutions and Bureaus
 - Ministries and Department for science and Technology
 - ➤ Institutional structure
 - ▶ Department of Science & Technology
 - ➤ CSIR
 - Survey of India
 - Science and Engineering Research Council
 - ➤ Technology Development Board
 - ➤ National Accreditation Board for Testing and **Calibration Laboratories**

SPACE + DEFENCE

SESSION:49

SESSION:48

26 March, 2021

27 March, 2021

SPACE

- ➤ Space Research Programme, Orbits and Launch
 - Space Technology
 - Indian Space research Programme
 - ISRO and ANTRIX
 - Orbits Type

- Satellite Launching **Systems**
- Terminologies Related to the Space Science
- Satellites, Launch Vehicles and India Satellite **Programmes**
 - Earth Observation Systems



- Satellite Communication in India
- Remote sensing applications IRS Sytems
- INSAT Satellite Application
- GSAT Satellite Application
- Launch vehicle Technology
- GSLV and Various Engine
- Recent National and International Space Missions
- Cryogenic rockets
- Chandrayaan I & II
- Mars Orbitor Mission
- Recent updates
- Recent Developments

DEFENCE

- ▶ Defence Technology
 - Organisations
 - Missile system and classification
 - Ballistic vs Cruise Missile
 - IGMDP Intergrated Guided Missile Development Programme
 - Brahmos Missile System
 - Anti-Ballistic Missile System
 - Frigates Destroyers and Aircraft Carriers
 - AWACS
 - Light Combat Aircraft
 - Submarines

IT & COMMUNICATION

Different Regulatory Bodies in India for ICT

- Ministry of Communication and information Technology
- ➤ Initiatives in 12th 5 year plan
- Major Policy Initiatives National Optical Fibre network
- > Spectrum Management
- ➤ Government initiatives
- Cyber Law

Computer Terminology and Fundamental

History of Computers

- ➤ Types of Computer
- Component of Computer system
- ➤ Computer terminologies
- Supercomputer and its applications
- ▶ Display technologies
- ➤ Cathode ray
- ➤ LCD
- ► LED
- ➤ Plasma Monitors
- ➤ OLED

Mobile Generations and Technology

 Definition and Impact of ICT on Society

SESSION:50

30 March, 2021

	 Evolution of Telecommunication Media Transmission technology Wireless, Optical Fibres, 	VSAT SIM IMEI 3G 4 G VoITE Wi Max ➤ Mobile generations ➤ Internet, Types of Network and e- Governance
SESSION:51 31 March, 2021	SCIENCE & TECH	CLASS CONTINUE
_	·	HNOLOGY & ROBOTICS + ECHNOLOGY
SESSION:52 01 April, 2021	 Superconductivity Laser, Artificial Intelligence History Classification and Properties of Superconductors Application of Superconductors Types and Applications of LASERS Artificial Intelligence and Application Advantages and Disadvantages of Artificial Intelligence Superconductivity Laser, Artificial Intelligence What is Robotics? Robotics Terminologies Laws of Robotics Robotics in India Machine vs Computer vs Robots Parts of a Robot Classification of Robots Artificial Intelligence Advantages and 	Disadvantages of Robotics ➤ Applications of Robotics ➤ Nano Technology O NUCLEAR TECHNOLOGY ➤ Nuclear Energy and Nuclear Fuels • Types of nuclear reactions • Nuclear Fuel - Stage 1 Stage 2 Stage 3 ➤ Nuclear Programme in India • N-Power Policy of India • Institutions involved in Nuclear energy Development, AERB • Safety standards in Nuclear Power plants • India's 3 stage Civil Nuclear Programme • Nuclear Reactors in India • Kudankulam Project • Jaitapur Plant

SESSION:53

02 April, 2021



> Organisation Institutions

- Department of Atomic Energy
- BHABHA

Radioactivity

- ➤ Radiation and Radioactivity
- Radiation Technologies and Applications
- Radioactive Waste and Nuclear Waster Management
- Nuclear & Radiological Disasters

BIOTECHNOLOGY +IPR AND OTHER MISCELLANEOUS ISSUE

IPR Intellectual Property Rights

- ➤ Copyrights
- ➤ Trademarks
- ➤ Patents
- ➤ Industrial Design
- ➤ Trades Secrets
- ➤ IPR and Agriculture
- ➤ Biotechnology in India
- ▶ Department of BT
- ➤ Various Fields of BT
- ➤ R&D

Genetics and Biotechnology

- Industrial genetics
- ▶ Genetic engineering
- ▶ DNA sequencing
- Nucleic acid probes
- ➤ Genomics and proteomics
- ➤ Bioprocess/fermentation technology

Biological fuel generation

- Global warming and the significance of fossils fuels
- ▶ Biofuels from biomass
- ➤ Bioethanol from biomass
- ▶ Biodiesel
- ➤ Methane
- ➤ Hydrogen

Environmental Biotechnology

- Microbial Ecology Environmental Biotechnology
- Waste water and sewage treatment
- Detect and monitoring of pollutants
- Microbes and the geological environment

Plant and Forest biotechnology

- ➤ Plant biotechnology
- ➤ Forest biotechnology

Animal and insect biotechnology

- Genetic manipulation and transgenic animals
- Genetically engineered hormone and vaccines
- Animal organs for human patients
- Genetically modified insects

Food and Beverage Biotechnology

- Food and beverage fermentations
- Biotechnology and medicine
- ➤ Stem cell biotechnology

TARGET PT 2021

	 Protection of biotechnological inventions Patent protection Trade secrets Plant breeders' rights Recent Development in Biotechnology Achievements of Biotechnology indifferent fields Genome sequencing of Ragi done for the first time in the world GM mustard policy DNA as storage device Biomarker Algae based footwear 	 K. grants gene editing license GM Mosquito DBT launched "Sohum" an innovative newborn hearing screening device Biotech-KISAN scheme India's first biomass to ethanol plant & its commercialization Digital Biopiracy Genetically Modified Mosquito Designer Babies' or Three Parents Babies National Biotechnology Development Strategy
SESSION:54	SCIENCE & TECH	2015-2020 CLASS CONTINUE
03 April, 2021		
06 April, 2021	SCIENCE & TECH REVISION TEST	
GI	EOGRAPHY MAP	PING
SESSION:55	MAPPING (WORI	LD GEOGRAPHY)
08 April, 2021		
SESSION:56 09 April, 2021	MAPPING (INDIA GEOGRAPHY)	

IAS 2021



SESSION PLAN

Current Affairs

SESSION NO.	SESSION DATE	TOPICS	CURRENT AFFAIRS TEST
Session:57		Polity & National Issues	
Session:58		Polity & National Issues	Current Affairs
Session:59		Polity & National Issues	Test - 1
Session: 60	ONLINE	International Affairs	
Session: 61		Indian Economy	
Session: 62		Indian Economy	Current Affairs Test - 2
Session: 63		Indian Economy	
Session: 64		Indian Culture	Current Affairs Test - 3



TARGET PT 2021

Session: 65		Indian Culture	
Session: 66		Environment	Current Affairs
Session: 67		Environment	Test - 4
Session: 68		Science & Technology	Current Affairs
Session: 69		Science & Technology	Test -5
Session: 70	ONLINE	Economic Survey	Current Affairs
Session: 71		Economic Survey	Test - 6
Session: 72		Indian Budget	
Session: 73		Governance & India Year Book	
Session: 74		Governance & India Year Book	Current Affairs Test - 7
Session: 75		Governance & India Year Book	

IAS 2021



SESSION PLAN

Sectional Test

TEST NO.	TOPICS	
Sectional Test: 01	Polity & Governance	
Sectional Test: 02	Economy	
Sectional Test: 03	Environment	
Sectional Test: 04	History & Culture of India	
Sectional Test: 05	Geography	
Sectional Test: 06	Science & Technology	

SESSION PLAN

Full Mock Test

TEST NO.	DATE
Mock Test 1	Mock 1 (Paper 1)
Mock Test 2	Mock 2 (Paper 2)
Mock Test 3	Mock 3 (Paper 1)



TARGET PT 2021

Mock Test 4	Mock 4 (Paper 2)
Mock Test 5	Mock 5 (Paper 1)
Mock Test 6	Mock 6 (Paper 2)
Mock Test 7	Mock 7 (Paper 1)
Mock Test 8	Mock 8 (Paper 2)
Mock Test 9	Mock 9 (Paper 1)
Mock Test 10	Mock 10 (Paper 2)
Mock Test 11	Mock 11 (Paper 1)
Mock Test 12	Mock 12 (Paper 2)
Mock Test 13	Mock 13 (Paper 1)
Mock Test 14	Mock 14 (Paper 2)
Mock Test 15	Mock 15 (Paper 1)
Mock Test 16	Mock 16 (Paper 2)
Mock Test 17	Mock 17 (Paper 1)
Mock Test 18	Mock 18 (Paper 2)
Mock Test 19	Mock 19 (Paper 1)
Mock Test 20	Mock 20 (Paper 2)