

TARGET PT 2022

COMPLETE PRELIMS *through 6000⁺ MCQs*



DAILY CLASS & TEST

- ▶ 56 Concept cum Revision Classes with Daily Test
- ▶ 20 Prelims Current Affairs Classes + Test



PRELIMS TEST SERIES

- ▶ 6 Revision Tests
- ▶ 6 Sectional Tests
- ▶ 20 Mock Tests



STUDY MATERIAL

- ▶ Prelims Current Affairs Compilation
- ▶ Prelims Fact File
- ▶ Quick Revision Notes

BATCH STARTS

27 JANUARY, 2022

CLASS TIMINGS:
3:00 PM Onwards

TEST TIMINGS:
2:00 PM to 3:00 PM



COURSE FEE
₹ 20,000 (+GST)



COURSE Highlights

SELF ASSESSMENT

Session wise check list of topics for self-assessment. Students will be able to trace and assess the preparedness level.

STEP
01

CONCEPT CUM REVISION CLASS

- ▶ 56 Concept cum Revision Classes
- ▶ Concept Class on the same topics will provide a conceptual clarity that helps to revise the topics twice on the same day.

STEP
02

DAILY TESTS

56 Daily Tests to brainstorm on the given topics

STEP
03

DOUBT CLEARING SESSION

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

STEP
04

CURRENT AFFAIRS CLASSES

+ TESTS

20 days Current Affairs classes + Tests covering last 2 years current topics

STEP
05

PRELIMS TEST SERIES

Revision Test: 6 Revision Test after completion of sessions of each subject.

All India Prelims Test Series:

- ▶ 6 Sectional Tests
- ▶ 20 Mock Tests

STEP
06

STUDY MATERIAL

Study Material will be provided in three parts:

Comprehensive Quick Revision Notes

Yearly Current Affairs Compilation
Fact files & Worksheets

STEP
07

COURSE

Session Plan

HISTORY

ANCIENT HISTORY - 1

SESSION: 01

27 JANUARY, 2022

- **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
 - ▶ 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
- **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 Arthashastra)
 - ▶ 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

SESSION: 02

28 JANUARY, 2022

	<ul style="list-style-type: none"> ▶ Other Important Dynasties ◉ HARSHAVARDHANA PERIOD <ul style="list-style-type: none"> ▶ Harsha Military Conquests ▶ Harsha and Buddhism ▶ Administration ▶ Society and Culture ▶ Economy ◉ SANGAM PERIOD (SOUTH INDIAN DYNASTIES) <ul style="list-style-type: none"> ▶ 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
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SESSION: 03

29 JANUARY, 2022

HISTORY CLASS CONTINUE**(INDIAN CULTURE)****VISUAL ARTS + PERFORMING ARTS**

SESSION: 04 30 JANUARY, 2022	<ul style="list-style-type: none"> ◉ VISUAL ARTS <ul style="list-style-type: none"> ▶ Architecture <ul style="list-style-type: none"> ● 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 ● Nayaka Temples ● Temples of Kerala ● Rashtrakuta Period Temples ● Schools of Temple Architecture ● Indo-Islamic Architecture ● Modern Architecture Sculptures ▶ Paintings ▶ Pottery Tradition ▶ Numismatics ◉ PERFORMING ARTS <ul style="list-style-type: none"> ▶ Music in India <ul style="list-style-type: none"> ● Classical Indian Music
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| <p style="text-align: center;">SESSION: 05</p> <hr/> <p style="text-align: center;">31 JANUARY, 2022</p> | <ul style="list-style-type: none"> ● Main Pillars of Indian Music ● Forms of Indian Music ● Musical Instruments ● Institutions Related to Music in India ● Folk Music ▶ Dances in India <ul style="list-style-type: none"> ● 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 | <ul style="list-style-type: none"> ● Various Type of Sports ● Genesis of Martial Arts ● Forms of Traditional Martial Arts ● Animal Sports ▶ Indian Theatre <ul style="list-style-type: none"> ● History of Theatre in India ● Classical Sanskrit Theatre ● Traditional Theatre ● Regional Theatre ● Modern Theatre in India ● Renaissance of Indian Theatre ● Cinema in India ▶ Indian Puppetry |
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(INDIAN CULTURE)
RELIGION, LANGUAGE & LITERATURE + MISCELLANEOUS

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| <p style="text-align: center;">SESSION: 05</p> <hr/> <p style="text-align: center;">31 JANUARY, 2022</p> | <ul style="list-style-type: none"> ○ RELIGION, LANGUAGE & LITERATURE ▶ Religions in-India <ul style="list-style-type: none"> ● Pre-Vedic Religion ● Hinduism ● Buddhism ● Jainism ● Sikhism ● Islam ● Christianity ● Zoroastrianism ● Judaism | <ul style="list-style-type: none"> ● Philosophy in India ● Bhakti Movement ● Saints of Bhakti Movement ● Sufism ▶ Languages and Literature in India <ul style="list-style-type: none"> ● Classical Language ● Sanskrit Literature ● Pali Literature ● Prakrit Literature ● Tamil Literature ● Telugu Literature |
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	<ul style="list-style-type: none"> • Malayalam Literature • Kannada Literature • Odia Literature • Assamese Literature • Bengali Literature • Gujarati Literature • Rajasthani Literature • Punjabi Literature 	<ul style="list-style-type: none"> • Marathi Literature • Hindi Literature • Persian Literature • Urdu Literature • Influence/Contribution of foreign languages & Literature to India language • Miscellaneous
SESSION: 06 01 FEBRUARY, 2022	INDIAN CULTURE: CLASS CONTINUE	
	MEDIEVAL HISTORY	
SESSION: 07 02 FEBRUARY, 2022	<ul style="list-style-type: none"> ◦ Major Dynasties (750-1200) Of Early Medieval India ◦ Cholas And Other South Indian Kingdoms ◦ Early Muslim Invasions ◦ The Delhi Sultanate (1206-1526 Ad) ◦ Struggle For Empire In North India (Afghans, Rajputs And Mughals) ◦ 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) 	<ul style="list-style-type: none"> ◦ 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
SESSION: 08 03 FEBRUARY, 2022	MODERN HISTORY 1 (1757 TO 1857)	
	<ul style="list-style-type: none"> ◦ THE ADVENT OF EUROPEANS IN INDIA 	<ul style="list-style-type: none"> ▶ The Portuguese in India ▶ De Almeida

- ▶ 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 Hyderabad State
- ▶ The Second Carnatic War
- ▶ The Third Carnatic War
- ▶ Causes of English Success
- **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 (1858 TO 1905)

- **Changes After 1858**
 - ▶ Change in Army
 - ▶ Change in approach towards princely states
 - ▶ Gol Act, 1858
 - ▶ Change in Civil Services
 - ▶ Administrative changes and policies
 - ▶ Hostility to Educated Indians
 - ▶ Labour legislations, Factory Acts, Society Registration Act, CrPC (1882, and 1898)
 - ▶ Increase in the Racial Antagonism
 - ▶ Origin of Local Administration
 - ▶ Decentralization of British administration through Acts
 - ▶ Important Viceroys, their acts, and impacts
- ▶ Anglo-Afghan wars
- ▶ Relation with Tibet and China
- ▶ Relation with Bhutan
- **Development of Modern education**
 - ▶ Wood's dispatch
 - ▶ Various commissions
 - ▶ Various Acts
 - ▶ Role of Indian Intelligentsia
- **Development of Press**
 - ▶ Restrictions on the Press: various Acts
 - ▶ Publications and Journals
- **Economic Impact of the British Rule**
 - ▶ Impact on agriculture
 - ▶ Rise of New Landlordism
 - ▶ Impact on artisans, craftsmen
 - ▶ Introduction of modern Industries
 - ▶ Poverty and famines
- **Foreign Policy of British India**
 - ▶ Conquest of Burma

SESSION: 09

04 FEBRUARY, 2022

	<ul style="list-style-type: none"> ○ Social Reforms and Personalities <ul style="list-style-type: none"> ▶ Fractionalization of Brahma Sabha ▶ Reforms towards Women Education ▶ Reforms towards widow remarriage ▶ Reforms towards child education and child marriage ▶ Reforms towards Caste discrimination ▶ Reforms by Various religious communities: Muslims, Parsi, Sikhs ▶ Reformist vs revivalist approach ▶ Ishwar Chandra Vidyasagar ▶ Dayanand Saraswati ▶ Keshab Chandra Sen ▶ Ramkrishna Mission: Paramhansa and Vivekananda ▶ Syed Ahmad Khan ▶ Impact of socio-religious reforms ▶ Jyotiba Phule ▶ MG Ranade 	<ul style="list-style-type: none"> ▶ Others ○ Nationalist Movement 1858-1905: Organized struggle for Freedom <ul style="list-style-type: none"> ▶ Causes of Nationalism in this Period ▶ Early organizations ▶ Formation of Indian National Congress ▶ Struggle within: Moderates vs. Extremists ▶ Approach of Moderates ▶ Approach of Extremists ▶ Rise of revolutionary activities: causes, and impacts ▶ Early revolutionary organizations, approach & methods, personalities, and impacts ○ Peasants and Tribal Movements <ul style="list-style-type: none"> ▶ Peasants' movements in this period and related personalities ▶ Tribal movements in this period and related personalities
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MODERN HISTORY 3 (1906-1947)

SESSION: 10
05 FEBRUARY, 2022

<ul style="list-style-type: none"> ○ REVOLUTIONARY NATIONALISM <ul style="list-style-type: none"> ▶ The Extremist (1905-1920) 	<ul style="list-style-type: none"> ▶ Differences between the Moderates and the Extremists
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- **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
 - ▶ The Non-Cooperation Movement (1920-22)
 - ▶ Bardoli Resolution
 - ▶ Nagpur Session of Congress
 - ▶ Swaraj Party and its Evaluation
 - ▶ Muddiman Committee (1924)
 - ▶ Rowlatt Act and Jallianwala Bagh Massacre (1919)
 - ▶ Khilafat Movement
 - ▶ 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)

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| | <ul style="list-style-type: none">▶ Demand for Pakistan (1942)▶ Quit India Movement▶ Azad Hind Fauj▶ Indian National Army▶ N.A. Trials▶ I.N. Rebellion▶ Rajagopalachari Formula, 1945▶ Desai - Liaqat Pact | <ul style="list-style-type: none">▶ Cabinet Mission (1946)▶ Wavell Plan▶ Jinnah's Direct Action Resolution▶ Mountbatten Plan of June 1947▶ Indian Independence Act 1947 <p>◉ GOVERNOR GENERALS DURING BRITISH INDIA</p> |
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SESSION: 11**06 FEBRUARY, 2022****MODERN HISTORY: CLASS CONTINUE****08 FEBRUARY, 2022****HISTORY REVISION TEST**

ECONOMY

BASIC CONCEPTS + ECONOMIC MEASUREMENTS

SESSION: 12
09 FEBRUARY, 2022

- **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: 13
10 FEBRUARY, 2022

SECTORS OF ECONOMY

SESSION: 14
11 FEBRUARY, 2022

CLASS CONTINUE

SESSION: 15
12 FEBRUARY, 2022

MONEY & BANKING

- **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

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

SESSION: 16

13 FEBRUARY, 2022

OPEN ECONOMY

○ OPEN ECONOMY

- ▶ Foreign Trade Concepts
 - Balance of Payments
 - Foreign Capital – FDI, FPI, FII, QFH
 - Foreign Exchange–Exchange Rate NEER & REER, ETF

SESSION: 17

14 FEBRUARY, 2022

- 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
 - United Nations Educational, Scientific and Cultural Organization (UNESCO)
 - United Nations Industrial Development Organization (UNIDO)
- Universal Postal Union (UPU)
- World Bank Group (WBG)
- International Bank for Reconstruction and Development (IBRD)
- International Finance Corporation (IFC)
- International Development Association (IDA)
- World Health Organization (WHO)
- World Intellectual Property Organization (WIPO)
- World Meteorological Organization (WMO)
- World Tourism Organization (UNWTO)
- World Trade Organization (WTO)
- Asian Development Bank
- Asian Infrastructure Investment Bank (AIIB)
- New Development Bank
- African Development Bank
- ▶ Trade Agreements
- ▶ Recent Developments in External Sector

SESSION: 18

15 FEBRUARY, 2022

CLASS CONTINUE

17 FEBRUARY, 2022

ECONOMY REVISION TEST

ENVIRONMENT

ENVIRONMENTAL ECOLOGY

SESSION: 19
18 FEBRUARY, 2022

- ◉ **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 Range
 - ▶ 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

	<ul style="list-style-type: none"> ▶ Carbon Cycle ▶ Hydrological Cycle ▶ Nitrogen Cycle 	<ul style="list-style-type: none"> ▶ Oxygen Cycle ▶ Sulphur Cycle ▶ Phosphorus Cycle
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BIODIVERSITY

<p style="text-align: center;">SESSION: 20</p> <p style="text-align: center;">19 FEBRUARY, 2022</p>	<ul style="list-style-type: none"> ○ Basics of Biodiversity <ul style="list-style-type: none"> ▶ 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 	<ul style="list-style-type: none"> ▶ 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
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ENVIRONMENTAL POLLUTION + RESOURCE DEGRADATION & MANAGEMENT

<p style="text-align: center;">SESSION: 21</p> <p style="text-align: center;">20 FEBRUARY, 2022</p>	<ul style="list-style-type: none"> ○ Basics of Pollution <ul style="list-style-type: none"> ▶ Sources of pollution ▶ Classification of pollutants ▶ Pollution Indicator species ○ Mining and Pollution <ul style="list-style-type: none"> ▶ Mining and Environment ▶ Sensitivity of Select Ecosystems to Mining ▶ Impact of Mining 	<ul style="list-style-type: none"> ▶ Indirect Impact of Mining ▶ International Laws on Mining ▶ Main Act or Statute to regulate the impact of ▶ Indian Mining Sector ▶ Sustainable Mining ○ Air Pollution <ul style="list-style-type: none"> ▶ Causes of air pollution
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- ▶ 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
- ◉ **Forest Resource**
 - ▶ Definition of forests by FSI
 - ▶ Types of Forest Cover
 - ▶ Forest Survey of India (FSI report 2017)
 - ▶ Types of Forests In India
 - ▶ Deforestation
 - ▶ Causes of Deforestation
 - ▶ Consequences of Deforestation on the Wildlife of India
 - ▶ Strategies for Reducing Deforestation
- ▶ Government Programmes for Conservation of Forests
- ◉ **Soil Resource**
 - ▶ Soil Characteristics and Soil formation process
 - ▶ Factors Responsible for Soil Formation
 - ▶ Soil Forming Processes
 - ▶ Soil Profiles and Horizons
 - ▶ Type of Soils
 - ▶ Soils in India
 - ▶ Soils in World
 - ▶ Soil Erosion
 - ▶ Problems due to excessive irrigation
 - ▶ Soil Conservation
 - ▶ Soil health card scheme
 - ▶ Organic Farming
- ◉ **Water Pollution**
 - ▶ Surface Water Resource
 - ▶ Ground Water Resources
 - ▶ Sources of Water Pollution
 - ▶ Measurement of Water pollution
 - ▶ Causes of Water Pollution
 - ▶ Harmful effects of water pollution
 - ▶ Other terms associated with water pollution
 - ▶ Energy Resources

SESSION: 22

21 FEBRUARY, 2022

ENVIRONMENT CLASS CONTINUE

SESSION: 23

22 FEBRUARY, 2022

CLIMATE CHANGE

- **Climate Change Basics**
 - ▶ What is Climate Change?
 - ▶ What is Global warming?
 - ▶ Factors Affecting Climate Change
 - ▶ Causes of climate change
 - ▶ Urbanization and climate change
 - ▶ Impact of agriculture on climate
 - ▶ Non green House Gases and Aerosols
- ▶ Radioactive forcing and global warming
- ▶ Ecological footprint
- ▶ Carbon footprint
- ▶ Global Warming Potential (GWP)
- **Climate Change Impact**
 - ▶ Impacts of the Climate Change
 - ▶ Global Warming & Health
 - ▶ Climate change mitigation

SESSION: 24

23 FEBRUARY, 2022

ENVIRONMENTAL GOVERNANCE

- **Acts and Policies**
 - ▶ Constitutional Provisions related to environment
 - ▶ Wildlife Protection Act 1972
 - ▶ Environmental Protection Act
 - ▶ 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
 - ▶ The 8 steps of the EIA process
 - ▶ Environmental Appraisal Process
 - ▶ Drawback in EIA Process
 - ▶ Recommendations for Improvement
 - ▶ Environment Management
 - ▶ EIA in India – Sectorial Analysis
 - ▶ International Environmental Governance
 - ▶ India and Climate Change
 - ▶ Environment related Institutions in India
 - ▶ Environmental schemes in India

SESSION: 25 24 FEBRUARY, 2022	ENVIRONMENT CLASS CONTINUE
26 FEBRUARY, 2022	ENVIRONMENT REVISION TEST

GEOGRAPHY

GENERAL GEOGRAPHY & GEOMORPHOLOGY

SESSION: 26

27 FEBRUARY, 2022

- **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
 - ▶ Isostasy
 - ▶ 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
 - ▶ Effects of Weathering
 - ▶ Significance of Weathering
 - ▶ Mass Movements
- **Landforms across the world**

SESSION: 27

28 FEBRUARY, 2022

GEOGRAPHY CLASS CONTINUE**OCEANOGRAPHY**

- **Hydrosphere**
 - ▶ Water on the Surface of the Earth
 - ▶ Hydrological Cycle
- **Submarine Relief Features**
 - ▶ Oceans
 - ▶ Relief of the Ocean floor
 - ▶ Divisions of the ocean floor
- **Minor relief features**
 - ▶ Mid oceanic ridges
 - ▶ Seamount
 - ▶ Submarine canyons
 - ▶ Guyouts
 - ▶ Volcanic Islands
 - ▶ Fracture Zones
 - ▶ Hotspots
 - ▶ Coral Islands
 - ▶ Atoll
- **Temperature and Salinity**
 - ▶ Temperature of the Ocean Water
 - ▶ Salinity of the Ocean Water
 - ▶ Factors affecting salinity
 - ▶ Density of Ocean Waters
- **Waves, Ocean Currents, Tides**
 - ▶ Movements of ocean Water
 - ▶ Factors influencing Movement
- ▶ Motion – Horizontal and Vertical Currents
- ▶ Waves
- ▶ Tides
- ▶ Ocean Currents
- **Marine Resources**
 - ▶ Underground water resource
 - ▶ Surface water resources
 - ▶ Inland water resources: Utilization of inland water resources
 - ▶ Oceanic Water Resources (Marine Resource)
 - ▶ Utilization of oceans by man
 - ▶ Water consumption patterns
 - ▶ Conservation of Water Resources
 - ▶ Techniques of Water Conservation
- **Ocean Deposits and Corals**
 - ▶ Terrigenous Deposits
 - ▶ Volcanic Deposits
 - ▶ Biotic deposits
 - ▶ Abiotic Deposits
 - ▶ Coral Reefs
 - ▶ Great Barrier Reef

SESSION: 28

01 MARCH, 2022

SESSION: 29

02 MARCH, 2022

CLIMATOLOGY

- **Atmosphere**
 - ▶ Composition
 - ▶ Gases
 - ▶ Water Vapour
 - ▶ Dust Particles
 - ▶ Structure
 - ▶ Altitude vs. Temperature
- **Temperature**
 - ▶ Inversion of 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

SESSION: 30

03 MARCH, 2022

WORLD CLIMATE + BIO-GEOGRAPHY

- **World Climate**
 - ▶ The Hot, Wet Equatorial Climate
 - ▶ The Tropical Monsoon and Tropical Marine Climates
 - ▶ The Savanna or Sudan Climate
 - ▶ The Hot Desert and Mid-Latitude Desert Climates
 - ▶ The Warm Temperate Western Margin (Mediterranean) Climate
 - ▶ The Temperate Continental (Steppe Climate)
 - ▶ The Warm Temperate Eastern Margin (China Type Climate)
 - ▶ The Cool Temperate Western Margin (British Type Climate)
 - ▶ The Cool Temperate Continental (Siberian) Climate
 - ▶ The Cool Temperate Eastern Margin (Laurentian) Climate
 - ▶ The Arctic or Polar Climate

- **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: 31

04 MARCH, 2022

GEOGRAPHY CLASS CONTINUE**INDIA - PHYSICAL GEOGRAPHY**

- **Physiography of India**
 - ▶ Geological Region
 - ▶ Location
 - ▶ Physiographic Sub-Units
 - ▶ The Peninsular - Peninsular Plateaus
 - ▶ Plains - Northern Plains of India
 - ▶ Lakes
 - ▶ Deserts
 - ▶ Indian Coasts and Islands
- **Drainage System**
 - ▶ Classification of Drainage
 - ▶ Himalayan Drainage
 - ▶ Indus river system
 - ▶ Indus drainage system
 - ▶ Ganga River System
 - ▶ Brahmaputra river system
 - ▶ Peninsular River System
 - ▶ East flowing Rivers
 - ▶ West flowing Rivers
 - ▶ Mains Rivers and their tributaries
 - ▶ Famous cities and river banks

SESSION: 32

05 MARCH, 2022

SESSION: 33

06 MARCH, 2022

INDIAN CLIMATE & BIOGEOGRAPHY

- **Climate**
 - ▶ 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**
- **Natural Vegetation**

SESSION:34

07 MARCH, 2022

HUMAN & ECONOMIC GEOGRAPHY (WORLD + INDIA)

- **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
 - ▶ Development
- **Economic Activities**
 - ▶ Primary Activities
 - ▶ Secondary Activities
 - ▶ Classification of Manufacturing Industries
 - ▶ Tertiary, Quaternary and Quinary Activities
- **Transport and Communication**
 - ▶ Transport
 - ▶ Communications

	<ul style="list-style-type: none"> ◦ International Trade <ul style="list-style-type: none"> ▶ 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 	<p>Trade</p> <ul style="list-style-type: none"> ◦ Settlement <ul style="list-style-type: none"> ▶ Types and Patterns of settlements ▶ Rural Settlements ▶ Urban Settlements ▶ Issues of Urbanization in India ▶ Rural Urban Migration ▶ Emergence of Slums ▶ Inclusive Cities/Smart cities
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SESSION: 35

08 MARCH, 2022

GEOGRAPHY CLASS CONTINUE

10 MARCH, 2022

GEOGRAPHY REVISION TEST

SCIENCE & TECHNOLOGY

SPACE + DEFENCE

SESSION: 36

11 MARCH, 2022

◦ **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 Orbiter 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

SESSION: 37

12 MARCH, 2022

IT & COMMUNICATION + MATERIALS, NANO TECHNOLOGY & ROBOTICS + NUCLEAR TECHNOLOGY

- **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
 - ▶ Evolution of Telecommunication
 - ▶ Media Transmission technology
- ▶ Wireless , Optical Fibres, VSAT SIM IMEI 3G 4 G VoLTE Wi Max
- ▶ Mobile generations
- ▶ Internet, Types of Network and e- Governance
- **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 Robot
 - ▶ Applications of Robotics
 - ▶ Nano Technology

	<ul style="list-style-type: none"> ○ NUCLEAR TECHNOLOGY <ul style="list-style-type: none"> ▶ Nuclear Energy and Nuclear Fuels <ul style="list-style-type: none"> ● Types of nuclear reactions ● Nuclear Fuel – Stage 1 Stage 2 Stage 3 ▶ Nuclear Programme in India <ul style="list-style-type: none"> ● 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 ▶ Organisation Institutions <ul style="list-style-type: none"> ● Department of Atomic Energy ● BHABHA ○ Radioactivity <ul style="list-style-type: none"> ▶ Radiation and Radioactivity ▶ Radiation Technologies and Applications ▶ Radioactive Waste and Nuclear Waster Management ▶ Nuclear & Radiological Disasters
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SESSION: 38

13 MARCH, 2022

SCIENCE & TECH CLASS CONTINUE

BIOTECHNOLOGY +IPR AND OTHER MISCELLANEOUS ISSUE

<p>SESSION: 39</p> <p>14 MARCH, 2022</p>	<ul style="list-style-type: none"> ○ IPR Intellectual Property Rights <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> ▶ Industrial genetics ▶ Genetic engineering ▶ DNA sequencing ▶ Nucleic acid probes ▶ Genomics and proteomics ▶ Bioprocess/fermentation technology ○ Biological fuel generation <ul style="list-style-type: none"> ▶ Global warming and the significance of fossils fuels ▶ Biofuels from biomass
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- ▶ 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
- **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
 - ▶ Artificial Womb
 - ▶ 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 2015-2020

SESSION: 40 <hr/> 15 MARCH, 2022	SCIENCE & TECH CLASS CONTINUE
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GENERAL BIOLOGY AND HUMAN HEALTH & DISEASES	
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SESSION: 41 <hr/> 16 MARCH, 2022	<ul style="list-style-type: none"> ○ General Idea about classification of living beings <ul style="list-style-type: none"> ▶ Kingdom Monera ▶ Kingdom Protista ▶ Kingdom Fungi ▶ Kingdom Plantae ▶ Kingdom Animalia ▶ Prokaryotes vs Eukaryotes ▶ Unicellular vs Multicellular ▶ Autotrophs vs Heterotrophs ▶ Status of Virus ○ Classification of diseases in Humans <ul style="list-style-type: none"> ▶ Prominent Genetic Disorders ▶ Infections and Non-Infections disease ▶ Prominent Viral Infections ▶ Bacterial Infections ▶ Fungal, Protozoan and Worms Infections ▶ Deficiency diseases in Humans ▶ Vaccination and Immunisation
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17 MARCH, 2022	SCIENCE & TECH REVISION TEST
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GEOGRAPHY MAPPING	
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SESSION: 42 <hr/> 18 MARCH, 2022	MAPPING (WORLD GEOGRAPHY)
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SESSION: 43 <hr/> 20 MARCH, 2022	MAPPING (INDIA GEOGRAPHY)
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INDIAN POLITY

EVOLUTION OF THE CONSTITUTION + SALIENT FEATURES OF INDIAN CONSTITUTION

SESSION: 44

21 MARCH, 2022

◉ 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 Colorable Legislation (Article 246)
- ▶ Doctrine of Territorial Nexus
- ▶ Doctrine of Laches

	<ul style="list-style-type: none"> ▶ Due Process of Law ▶ Procedure Established by Law ▶ Other Constitutional Dimensions ▶ Schedules and Subjects ▶ Official Languages
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<p>SESSION:45</p> <hr/> <p>22 MARCH, 2022</p>	<p>UNION & ITS TERRITORY + CITIZENSHIP + FUNDAMENTAL RIGHTS + DPSP + FUNDAMENTAL DUTIES</p>
	<ul style="list-style-type: none"> ○ UNION & ITS TERRITORY <ul style="list-style-type: none"> ▶ ARTICLE 1-4 ○ CITIZENSHIP <ul style="list-style-type: none"> ▶ Constitutional Provisions ▶ Indian Diaspora ○ FUNDAMENTAL RIGHTS <ul style="list-style-type: none"> ▶ Evolution Objectives And Features ▶ Article 12 and Article 13 ▶ Right to Equality ▶ Right to Freedom ▶ Right against Exploitation ▶ Right to Freedom of Religion <ul style="list-style-type: none"> ▶ Cultural and Educational Rights ▶ Right to Constitutional Remedies ▶ FR's other Dimensions ○ DIRECTIVE PRINCIPLES OF STATE POLICY (DPSP) <ul style="list-style-type: none"> ▶ Evolution, objectives, and features ▶ Socialistic Principles ▶ Gandhian Principles ▶ Liberal-Intellectual Principles ▶ Directive Principle Outside Part IV ○ FUNDAMENTAL DUTIES

<p>SESSION:46</p> <hr/> <p>23 MARCH, 2022</p>	<p>POLITY: CLASS CONTINUE</p>
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<p>SESSION: 47</p> <hr/> <p>24 MARCH, 2022</p>	<p>SYSTEM OF GOVERNANCE</p>
	<ul style="list-style-type: none"> ○ SYSTEM OF GOVERNANCE <ul style="list-style-type: none"> ▶ Centre-State Relations <ul style="list-style-type: none"> ● Legislative relations (Articles) 245 ● Related to Territorial Powers <ul style="list-style-type: none"> ● Related to Legislative Powers ● Related to Parliament's Powersto make Laws in State

- Sarkaria Commission's Opinion on Legislative Relations
- Administrative Relations
- Delegation of Union Functions to the States
- Sarkaria Commission's Opinion on 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 Provisions for some States
 - Provisions for Maharashtra 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

UNION EXECUTIVE + STATE EXECUTIVE

- **UNION EXECUTIVE**
 - ▶ President
 - Eligibility
 - Conditions of Office
 - Term of Office
 - Election
 - Manner of Election
 - 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
 - ▶ Prime Minister
 - Appointment of Prime Minister
 - Deputy Prime Minister
 - Prime Minister's Office
 - Eligibility
 - Powers and Functions of Prime Minister
 - Relationship between the President and the Prime Minister
 - ▶ Union Council of Minister
 - Article 74
 - Article 75
 - Article 77

SESSION: 48

25 MARCH, 2022

- Article 78
- Nature of advice by Ministers
- Strength of the Council
- Appointment of a Non-legislator 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
 - ▶ 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
- 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

UNION LEGISLATURE + STATE LEGISLATURE

- **UNION LEGISLATURE**
 - ▶ 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

SESSION: 49

26 MARCH, 2022

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

SESSION: 50

27 MARCH, 2022

POLITY: CLASS CONTINUE

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 Supreme Court 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 Accountability Bill, 2010
 - National Legal Services Authority (NALSA)

SESSION: 51

28 MARCH, 2022

LOCAL GOVERNMENT + UNION TERRITORIES AND SPECIAL AREAS

◦ **LOCAL GOVERNMENT**

▶ **Panchayati Raj**

- Evolution of the Panchayati Raj Institution (PRI)
- 73rd Amendment Act of

1992

◦ **LOCAL GOVERNMENT**

▶ **Panchayati Raj**

- Evolution of the Panchayati Raj Institution (PRI)

SESSION: 52

29 MARCH, 2022

- 73rd Amendment Act of 1992
 - Compulsory and Voluntary Provisions
 - ▶ Urban Local Government
 - 74th Constitutional Amendment Act
 - ▶ Schedule and Tribal Areas
 - Administration of Schedule Areas
 - 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
 - Administration of Tribal areas

CONSTITUTIONAL & NON CONSTITUTIONAL BODIES + POLITICAL DYNAMICS

SESSION: 53

30 MARCH, 2022

- ◉ **CONSTITUTIONAL & NON CONSTITUTIONAL BODIES**
 - ▶ **Constitutional Bodies**
 - Finance Commission
 - Comptroller and Auditor General of India
 - Attorney-General of India
 - Other Constitutional Bodies
 - State Public Service 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 Bodies**
 - Special officer for linguistic Minorities
 - Central Information Commission
 - State Information Commission
 - Lokpal and Lok Ayukta
 - National Human Rights Commission
 - State Human Right Commission
 - CVC (Central Vigilance Commission)
- ◉ **POLITICAL DYNAMICS**
 - ▶ **Political Parties and Election**
 - Electoral System in India

	<ul style="list-style-type: none"> • Electoral Reforms Since 1988 • Salient features of the Representation of People Act, 1950 	<ul style="list-style-type: none"> • Types of Political Parties • Party System in India • Political Parties in India • Pressure Groups
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SESSION: 54 31 MARCH, 2022	POLITY: CLASS CONTINUE
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SESSION: 55 01 APRIL, 2022	GOVERNANCE
	<ul style="list-style-type: none"> ◦ Governing Institutions in India <ul style="list-style-type: none"> ▶ 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 <ul style="list-style-type: none"> ▶ CVC ▶ CAG ▶ Lokpal ▶ Lok Ayukta ◦ Role of SHG, NGOs, Civil Society <ul style="list-style-type: none"> ▶ SHGs ▶ NGOs ▶ Micro Finance Institutions ◦ Social Sector Bills ◦ Welfare Schemes

SESSION: 56 02 APRIL, 2022	GOVERNANCE: CLASS CONTINUE
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03 APRIL, 2022	POLITY & GOVERNANCE REVISION TEST
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SESSION PLAN

Current Affairs

SESSION NO.	DATE	SUBJECT	TYPE
Session 57		Environment & Ecology 1	Class & Test
Session 58		Environment & Ecology 2	Class & Test
Session 59		Environment & Ecology 3	Class & Test
Session 60		Polity 1	Class & Test
Session 61		Polity 2	Class & Test
Session 62		International Relations	Class & Test
Session 63		Indian Culture	Class & Test
Session 64		Geography & Mapping 1	Class & Test
Session 65		Geography & Mapping 2	Class & Test
Session 66		Geography & Mapping 3	Class & Test
Session 67		Governance & schemes 1	Class & Test
Session 68		Governance & schemes 2	Class & Test
Session 69		India Year Book	Class & Test

Session 70		Science & Technology 1	Class & Test
Session 71		Science & Technology 2	Class & Test
Session 72		Science & Technology 3	Class & Test
Session 73		Indian Economy 1	Class & Test
Session 74		Indian Economy 2	Class & Test
Session 75		Indian Economy 3	Class & Test
Session 76		Economic Survey & Budget	Class & Test

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)

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)
