



JATIN VERMA'S IAS ACADEMY

PREIIMS SPECIAL BATCH

**Coverage of all GS section by respective
Subjects experts**

Prospectus (2021-2022)

We have stepped in the new year 2021 and it's high time that we must focus on prelims because it's just 170 days left for prelims. So, to get back on track we have launched prelims special batch. This is prelims-oriented batch where we will discuss highly important and crucial topics in a lucid and inculcated manner with round year current affairs. The coverage of Current affairs will be from The Hindu, Indian Express, and govt publications like PIB, Yojana, and Kurukshetra, India Year Book, and Manorama year Book

In this batch we are going to cover all the prelims related subjects:

1. Polity
2. Indian Economy
3. Geography
4. Environment
5. CSAT
6. Current Affairs
7. History
8. India & Manorama Year Book
9. There will be a mock test of 10 prelims related questions after every batch

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Prelims Special Batch

SUBJECT	CLASSES	Hours	Hour s/day	Start Date	End Date	Time
Science & Technology	20	40	2	15th Feb	12th March	8:00 to 10:00 AM
Indian Geography & World Geography	25	50	2	18th Feb	24th March	10:30 to 12:30 PM
Indian Polity, Constitution & Governance	30	60	2	1st March	31st May	9:00 to 10:00 PM
History (All Section)	25	50	2	15th March	16th April	8:00 to 10:00 AM
Indian Economy	20	40	2	30 March	20 April	11:00 to 1:00 PM
Environment & Ecology	10	20	2	19th April	30th April	8:00 to 10:00 AM
CSAT	40	80	2	1st March	14th May	3:30 to 05:30 PM
Current Affairs	Daily		2			2:00 to 3:30 PM

Note: Subject sequence and the timings might change due to unavoidable reasons.

Module 1: Science & Technology

Lecture No	Subtopics	Topics to be Covered
LECTURE 1	Space Technology PART1	i) Introduction ii) Orbits: Types of Orbits iii) Launch Vehicles: SLV-3, ASLV, PSLV, GSLV and Current Developments
LECTURE 2	Space Technology PART2	iv) Satellites: Remote Sensing Satellites Navigation Satellites Telecommunication Satellites Space Science Satellites - Satellites of other Space agencies: NASA, ROSCOSMOS, ESA, CNSA etc. v) Current Affairs: Chandrayaan 2, Gaganyaan, Indian Space Station etc. vi) Space Technology and Socio-economic development of India vii) Privatization of Space and related developments in India viii) Current Affairs
LECTURE 3	Defence Technology PART1	i) Introduction ii) Missiles: Types of Missiles, Indian Missiles, Integrated Missile Development Programme
LECTURE 4	Defence Technology PART2	iii) Aircraft Carriers iv) Submarines: Types of Submarines, Indian Submarines, Project 75 v) Fighter Aircrafts and UAVs vi) Institutions associated with Defence Technology vii) Defence Procurement in India viii) Current Affairs
LECTURE 5	Nuclear Technology PART1	i) Introduction ii) Radioactivity iii) Nuclear Energy: Fission and Fusion reaction
LECTURE 6	Nuclear Technology PART2	iv) Nuclear Reactor: Types, Fuel, Controller, Moderator, Coolants etc v) Indian Nuclear Programme: Background, 3-stages of this Programme vi) Nuclear Technology and Socio-economic development of India vii) Indian Nuclear Policy viii) Four Export Control Regimes viii) Current Affairs
LECTURE 7	Biotechnology PART1	i) Introduction ii) Types of Biotechnology
LECTURE 8	Biotechnology PART2	iii) Genetic Engineering iv) Biotechnology and Socio-economic development of India: Agriculture Medical Industrial Energy Waste Management v) Stem cell Therapy vi) Designer babies and issues associated with it.

		vii) DNA Finger-printing viii) Institutions related with development of Biotechnology in India ix) Current Affairs
LECTURE 9	Nanotechnology	i) Introduction and Concept ii) Nanotechnology and Socio-economic development of India iii) Threats associated with Nanotechnology iv) Nano Mission v) Current Affairs
LECTURE 10	Information Technology and Computer PART1	i) Mobile Technology: Spectrum, 5G ii) Evolution of Computers, Supercomputing iii) Information Technology and Socio-economic development of India iv) Cyber Security, IT Acts v) Current Affairs: IoT, Big Data, Quantum Computing
LECTURE 11	Information Technology and Computer PART2	
LECTURE 12	Robotics	i) Introduction ii) Types of Robots iii) Application of Robotics iv) Artificial Intelligence: Concept, Applications, Threats, National Strategy on AI v) Machine Learning, Deep Learning v) Current Affairs
LECTURE 13	Issues Related to Intellectual Property Rights	i) Introduction: Types of Intellectual Properties ii) Compulsory Licensing, Evergreening of Patents iii) IPR Policy iv) Current Affairs
LECTURE 14	Frontier Technologies PART1	i) Cryptocurrencies and Blockchain Technology ii) Augmented and Virtual Reality iii) Indian Neutrino Observatory iv) Gravitational Waves
LECTURE 15	Frontier Technologies PART2	
LECTURE 16	Health and Diseases PART1	
LECTURE 17	Health and Diseases PART2	
LECTURE 18	Remaining Current Affairs PART1	
LECTURE 19	Remaining Current Affairs PART2	
LECTURE 20	Remaining Current Affairs PART3	

Module 2: Indian Geography & World Geography

Lecture No	Subtopics	Topics to be Covered
LECTURE 1	Our Universe and Solar System	Origin of Universe Origin of The Planets The Earth and The Solar System Eclipses Latitudes and The Longitudes
LECTURE 2	Interior of Earth, Evolution of Oceans and Continents	Interior of Earth Evolution of Continents and Oceans Evolution of Landform Movement of Earth and Landform Development
LECTURE 3	Earthquakes, Volcanoes, Geomorphic Processes	Mountains, Volcanoes, Earthquakes Rocks Classifications of Soil Soil Erosion
LECTURE 4	Climatology	Atmosphere Insolation and Temperature Air Pressure and Winds Cyclones and Anti-Cyclones Precipitation Rainfall types and distribution
LECTURE 5	World Climatic regions	The Hot, Wet Equatorial Climate The Tropical Monsoon and Marine Climates Tropical Monsoon Forest The Hot Desert and Mid Latitudes Desert Climate The Temperate Continental (Steppe Climate) The Cool Temperate Western Margin (British Type Of Climate)
LECTURE 6	Oceanography	Oceans of The World Ocean Topography Movements of Ocean Waters Ocean Currents Coral Reefs
LECTURE 7	Physiographic Regions of India: Mountains, Plains	Physiographic Regions of India The Northern and North Eastern Mountains The Northern Plains
LECTURE 8	Physiographic Regions of India: Plateaus, Deserts, Coasts and Islands	The Peninsular Plateau The Indian Desert The Coastal Plains The Islands

LECTURE 9	Drainage System: The Himalayan Rivers	The Himalayan Rivers
LECTURE 10	Drainage System: The Peninsular Rivers	The Peninsular Rivers Coastal Rivers River Water Disputes Interlinking of Rivers
LECTURE 11	Indian Climate: Monsoon	Climatic Regions in India Indian Monsoon Retreating Monsoon Rainfall distribution in India
LECTURE 12	Winter rainfall and western disturbances, El-Nino	Winter rainfall and western disturbances El-Nino and Indian Climate
LECTURE 13	Major Soil Types of India	Types of soils and their properties Distribution of soils in India Soil erosion and degradation in India Soil conservation
LECTURE 14	Agriculture and Allied Services	Types of Cultivation Major crops and cropping pattern in India Sources of Irrigation Dairy Development in India Major Agricultural Revolutions In India
LECTURE 15	Natural Vegetation of India	Types of forests in India Major forest produce and associated industries
LECTURE 16	Minerals Resources in India	Mineral Fuel Metallic Minerals Metallic Minerals (Non-Ferrous Group)
LECTURE 17	Energy Resources of India	Non-Conventional Energy Sources Renewable Sources Biofuels in India Energy Resources of India: Facts File Major Irrigation and Power Projects In India
LECTURE 18	Industries in India	Manufacturing in India Industries in India Major Industrial Regions Town and Industry Service Sector
LECTURE 19	Transport and Communication Services in India	Indian Infrastructure Transportation in India Major Ports in India Sethusamudram Ship Canal Project
LECTURE 20	Population and Associated Issues	Population Census 2011 Socioeconomic and Caste Census 2011 Demographic Dividend

		Indian Languages Racial Groups in India
LECTURE 21	World Mapping: China	China- Mining, agriculture, industries
LECTURE 22	World Mapping: Russia, Japan	Russia, Japan- Mining, agriculture, industries
LECTURE 23	World Mapping: South East Asia	South East Asia- Agriculture, Minerals, Industries
LECTURE 24	World Mapping: West Asia	West Asia: Physiography, Rivers, Climate, Resources
LECTURE 25	World Mapping: Africa	Africa: Physiography, Rivers, Climate, Resources
LECTURE 26	World Mapping: Australia, New-Zealand	Australia, New Zealan: Physiography, Rivers, Climate, Resources
LECTURE 27	World Mapping: Europe	Europe - physiography, Drainage, Climate, Resources
LECTURE 28	World Mapping: North, Central, South America	N. America (USA,Canada), South America- Physiography,Climate,Economy, resources
LECTURE 29	Places In News-1	Places in News
LECTURE 30	Places In News-2	Places in News

Lecture No	Subtopics	Topics to be Covered
Lecture 1	Historical Prospective of Indian Constitution	<p>Regulating Act, 1773 Charter Act, 1813, 1833 and 1853 Government of India Act, 1858 Indian Councils Act, 1861, 1892 and 1909 Government of India Act, 1919 and 1935 Indian Independence Act, 1947 Cripps Mission</p>
Lecture 2	Making of The Constitution	<p>Composition and Working of The Constitution Assembly Committees of Constitution Assembly</p>
Lecture 3	Salient Features of the Constitution	<p>The Preamble Purpose of The Preamble Amendment of The Preamble</p> <p>Union & its Territory Integration of Princely states in India Dhar Commission and JVP Committee Fazl Ali Commission New States and Union Territories after 1956</p> <p>Citizenship Constitutional provisions Citizenship Acts and acquiring citizenship in India Loss of citizenship PIO, OIC and NRI</p>
Lecture 4	Fundamental Rights	<p>Features of Fundamental Rights Rights in Indian Constitution Amendments in Fundamental Rights Writs Armed forces and fundamental rights Martial Law and Fundamental rights Significance and Criticism to Fundamental rights Rights outside Part III</p>

Lecture 5	Directive Principle of State Policy + Directive Principle of State Policy	Directive Principle of State Policy Features of DPSPs Classification of DPSPs Utility and Criticism to DPSPs Directive Principle of State Policy List of fundamental duties Significance and Criticism to Fundamental duties Verma Committee's observations
Lecture 6	Amendments of the Constitution + Government systems + Basic structure	Types and procedure of amending the constitution Important amendments Parliamentary system Federal System Difference between the Parliamentary and federal systems Basic structure of the constitution Emergence of Basic structure Elements of Basic structure
Lecture 7	Union Executive	The President Election of President Qualification, oath and condition Term, impeachment and vacancy Powers and Functions Constitutional position of the President Vice President Election of Vice President Qualification, oath and condition Term, impeachment and vacancy Powers and Functions
Lecture 8	Prime Minister + Central Council of Ministers + cabinet committees	Prime Minister Election of Prime Minister Oath, Term and salary Powers and Functions Central Council of Ministers Constitutional provisions Oath, Term and salary Responsibility of Council of

		<p>ministers</p> <p>Cabinet and cabinet committees</p>
Lecture 9	State Executive	<p>Governor</p> <p>Appointment, Term and condition</p> <p>Powers and Functions</p> <p>Chief Minister</p> <p>Appointment, oath and salary</p> <p>Powers and Functions</p> <p>Relationship with Governor</p> <p>State Council of Ministers</p> <p>Constitutional provisions</p>
Lecture 10	Union Legislature	<p>Composition of the two houses</p> <p>Election to Lok sabha</p> <p>Membership of Parliament</p> <p>Preceding officers of Parliament</p> <p>Sessions of the Parliament</p>
Lecture 11		<p>Devices of Parliamentary proceedings</p> <p>Legislative procedure in parliament</p> <p>Budget in Parliament</p> <p>Funds</p> <p>Functions of Parliament</p> <p>Parliamentary Committees</p>
Lecture 12	State Legislature	<p>State Legislature</p> <p>Composition of the two houses</p> <p>Membership of State legislature</p> <p>Preceding officers of state legislature</p> <p>sessions of State legislature</p> <p>Legislative procedure in state legislature</p> <p>Budget in State legislature</p> <p>Position and previlages of State legislature</p> <p>Functions of State legislature</p>
Lecture 13	Emergency Provisions	Emergency Provisions

Lecture 14	Union Territories, Special Provisions for some states, Scheduled area and Tribal areas	Union Territories Special Provisions for J&K and other states Administration of Scheduled area and Tribal areas
Lecture 15	Local Government in India	Local Government Panchayati Raj ULBs
Lecture 16	Centre state relations	Legislative relations Administrative relations Financial relations Rajamannar Committee Sarkaria Commission Punchi Commission GST and NCRWC
Lecture 17	Inter State relations	Interstate council Interstate trade and commerce Zonal Council
Lecture 18	Judiciary	Supreme Court Role and functions of Supreme court High Court Role and functions of High court
Lecture 19	Tribunals in India	Tribunals Administrative Tribunals Need for tribunals Tribunals for other issues Public Interest Litigation (PIL) Features and Principles of PIL Lokpal and Lokayukta Lokpal Bill Appointment, Qualification and jurisdiction Judicial Review Judicial review as per the constitution Scope of judicial review and important cases
Lecture 20	Constitutional Bodies	Election commission Union Public service commission State Public service commission

		Finance Commission National Commission for SCs National Commission for ST Special officer for linguistic minorities CAG Attorney General of India
Lecture 21	Extra- Constitutional Bodies	NITI Aayog National Development council National Human Rights Commission Central Information Commission Central Vigilance commission Central Bureau of Investigation
Lecture 22	Other Constitutional Dimensions	Cooperative societies Official language Public Services Rights and Liabilities of Government Governance in India
Lecture 23	Political Dynamics	Political Parties Elections Electoral Reforms Anti-Defection Law
Lecture 24	Other Rights and Acts	Forest rights act, 2006 Domestic Violence Act, 2005 Right to Information Act, 2005
Lecture 25		National Food Security Act, 2013 Consumer Protection Act, 1986 MNREGA
Lecture 26	Current Affairs	Related Current Affairs
Lecture 27		Related Current Affairs
Lecture 28		Related Current Affairs
Lecture 29		Related Current Affairs
Lecture 30		Related Current Affairs

Module 4: History (All Sections)

Lecture No	Sub Topic	Topics to be Covered
Ancient and Medieval History		
Lecture 1	Indian Pre-History	The Old Stone Age (Palaeolithic) Middle Stone Age/Mesolithic New Stone Age/Neolithic
Lecture 2	Indian Proto History	Indus Valley Civilization Sources of Harappan Civilization Phases of Harappan Civilization Geographical Extent of The Harappan Civilization Important Characteristic Features of Harappan Civilization Chalcolithic Communities Of Non-Harappan India
Lecture 3	Vedic Age in India	Early Vedic Age or Rig Vedic Period Later Vedic Period Rig Vedic And Later Vedic Religion
Lecture 4	History of 6 B.C. To 6 A.D- PART 1	Mahajanpadas Invasion of Alexander The Mauryan Empire
Lecture 5	History of 6 B.C. To 6 A.D- PART 2	Indo Greeks Parthians Sakas Kushanas Harsha (606 A.D.-645 A.D.)
Lecture 6	Deccan And South India	Satvahanas Cheras, Cholas And Pandyas In South India Guptas
Lecture 7	Religion and Philosophy During Ancient Period	Buddha Buddhism Jainism Ajivikas Vaishnavism And Shaivism Shakti And Sun Cult Sad Darsana- Six Doctrines of Indian Philosophy Tantricism
Lecture 8	Science and Tech. In Ancient India	Mathematics Astronomy Physics and Chemistry Atomic Theory Metallurgy Medicine and Surgery Civil Engineering And Architecture
Lecture 9	India Between 750-1200 A.D.	Four Agnikula Rajput Clans Rastrakutas Cholas
Lecture 10	Important Sources of Medieval History	Special Note on Amir Khusro Kitab-UI-Hind—Al-Biruni Ibn Battuta

		European Travellers Translations of Different Books During the Mughals
Lecture 11	Advent of Arabs And Turks in India	Arab Invasion of India Mahmud Of Ghazni (997 A.D.-1030 A.D.) Muhammad Ghori (1173–1206 A.D.) The First Battle of Tarain (1191 A.D.) The Second Battle of Tarain (1192 A.D.) Causes of The Defeat of Rajput Forces
Lecture 12	The Delhi Sultanate	The Mamluk Sultans The Khaljis The Tuqhlqs Sayyid Dynasty Lodi Dynasty
Lecture 13	The Mughal Empire	Babur Humayun Akbar Jahangir Shahjahan Dara Shikoh Aurangzeb
Lecture 14	Religious Movements During Medieval Age	Bhakti Movement Sikhism Medieval Islamic Orthodoxy Sufi Movements
Lecture 15	The Maratha Empire in India	Shivaji Shivaji Administration Successor Of Shivaji Peshwas Maratha Administration Under The Peshwas
Modern History		
Lecture 16	Decline of Mughal Empire	Bahadur Shah I Farrukh Siyar Muhammad Shah Shah Alam II Causes of The Decline of Mughal Empire The Autonomous States The Sikhs
Lecture 17	Coming of Europeans and East India Company	Portuguese Dutch Danes French English
Lecture 18	Expansion and Consolidation of British Power in India	Anglo French Struggle Battle of Plassey Battle of Buxar Anglo Maratha Wars Anglo Mysore Wars Anglo-Sikh Wars

Lecture 19	Socio-Religious Reform Movements-1	Causes for Socio-Religious Reform Movements Brahmo Samaj Arya Samaj Ramakrishna Mission Theosophical Society/Movement Young Bengal Movement
Lecture 20	Socio-Religious Reform Movements-2	Schedule Caste Movement Efforts for Upliftment Of Women Sikhism
Lecture 21	Economic Policy Of British In India	Colonial Exploitation: Forms And Consequences Changes In The Land Revenue Administration Economic Impact Of British Policies Famines In Colonial India Introduction And Expansion Of Transportation And Communication Facilities In India Economic Drain And Theory Of Drain Of Wealth
Lecture 22	Popular Movements During Company Rule	Non-Tribal Movements Tribal Uprisings
Lecture 23	The revolt of 1857	The Revolt Of 1857 Impact of The Revolt/Mutiny
Lecture 24	Early Nationalist and Rise of Indian National Congress	Causes of The Rise of Indian National Movement Pre-Congress Organisations Formation of The Indian National Congress Era of The Moderates and The Early Nationalists (1885-1905)
Lecture 25	Era of Militant Nationalism (1905-1909)	Causes for The Rise of Extremism Leaders of Extremists Partition of Bengal Surat Split Morley Minto Reforms Or Indian Council Act 1909
Lecture 26	First Phase of Revolutionary Activities (1907-1917)	Home Rule League Movement Montagu-Chelmsford Reforms and Government Of India Act, 1919 Rowlatt Act Revolutionary Terrorism Indian National Army (Ina)
Lecture 27	Beginning of Gandhian Phase And Period Of Mass Struggle	South African Experiments Gandhiji's Return To India Jallianwala Bagh Non-Cooperation Movement And Khilafat Movement
Lecture 28	National Movement- 1919-1939 Era of Mass Nationalism Part 1	Simon Commission Civil Disobedience Movement Communal Award
Lecture 29	National Movement- 1919-1939 Era of Mass Nationalism Part 2	Government Of India Act, 1935 Towards Quit India Movement Peasant Movements August Offer

Lecture 30	Towards Freedom and Partition(1939-1947)	Cripps Mission Quit India Movement Shimla Conference Attlee's Announcement Mountbatten Plan
Indian Art and Culture		
Lecture 31	Indian Dance Forms	Classical dance forms Local dance forms
Lecture 32	Indian Music	Indian Classical music Musical Instruments Theater and performing arts
Lecture 33	Indian Paintings	Paintings in Ancient times Paintings in Medieval period Art in modern period
Lecture 34	Indian Handicrafts	Craft Textiles Sculptures
Lecture 35	Fairs and Festivals of India	Festivals in India
Lecture 36	Indian Architecture, Sculpture and Pottery	Architecture in Ancient India Stupa Caves Temples
Lecture 37	Temple Architecture	Temple Architecture
Lecture 38	Architecture in Medieval India	Architecture in Medieval India Rajput/Nagara Style Architecture Orissa School Of Temple Architecture/Kalinga School Bundelkhand/Chandela School Chalukya/Solanki School
Lecture 39	Dravida Style Architecture	Dravida Style Architecture Chola Style Pandayan School Later Chalukya/Hoysala School Vijayanagar Style
Lecture 40	Sultanate, Regional and Mughal Architecture	Sultanate Architecture Regional Architecture During Sultanate Period Mughal Architecture

Module 5: Indian Economy

Lecture No	Subtopics	Topics to be Covered
Lecture 1	Economic Growth & Human Development: HDI, Multi-Dimensional Poverty Index.	Concepts and Approaches Measurement of Economic Development Human Development Indices Human Development Report Inclusive Growth
Lecture 2	National Income-I: GDP Calculation methods: GDP, GNP, NNP, Depreciation	Characteristics of An Underdeveloped Economy Underdeveloped Economy and Its Characteristics Obstacles to Economic Development National Income National Income Estimates in India Methods of Calculating National Income
Lecture 3	Planning in india: Planning Commission TO NITI Aayog	Types of Planning Economic Systems Planning in India post-independence The National Institution for Transforming India – Niti Aayog
Lecture 4	Agriculture-1: Recent Trends & Problems	Role of Agriculture in The Indian Economy 4 Basic Indicators of Agriculture Sector Horticulture
Lecture 5	Agriculture-2: Schemes, initiatives & programmes	National Food Security Mission New National Agricultural Policy
Lecture 6	Industrial Sector: Problems & Prospect	The Industrial Policy Resolution, 1948 Privatisation of Public Sector Private Sector in India Micro and Small Enterprises
Lecture 7	Money Markets and the role of RBI	Unorganised Sector of The Indian Money Market Organised Sector of The Indian Money Market Commercial Banking in India
Lecture 8	Banking-I: Evolution, Nationalisation	Evaluation of Banking Since Nationalisation Indian Currency System
Lecture 9	Capital Market in India	Difference Between Money and Capital Markets Growth of Capital Market in India Securities and Exchange Board of India
Lecture 10	Capital Market Reforms in India	National Stock Exchange of India Capital Market Reforms In India
Lecture 11	Fiscal Policy-I: Types of Fiscal Policy, Deficits	Types of Fiscal Policy
Lecture 12	Fiscal Policy-II: Budget, FRBM Act, N.K. Singh Panel.	Budget
Lecture 13	Fiscal Policy-III: Indian Tax Structure	Taxation, Classification on The Basis of Form of Tax

Lecture 14	External Sector-I: Balance of Payments; Capital Account; Current Account; CAD	Balance of Payments Model Balance of Payments Developments International Comparison Types of Foreign Trade Policy Foreign Trade Policy (2015-20)
Lecture 15	International Institutions-I: WTO	World Trade Organisation
Lecture 16	International Institutions-II: WB, IMF	World Bank, International Monetary Survey
Lecture 17	Goods and Services Tax	Gst And Centre-State Financial Relations Salient Features of Gst Benefits of Gst Gst Through Short Q and A – Simplified
Lecture 18	Poverty: Measurement challenges- Tendulkar Committee etc.	The Concept of Poverty Concept of Subsidy in India Public Distribution System Social-Economical Welfare Programme
Lecture 19	Sustainable Development in India	Sustainable Development Aim of Sustainable Development Measuring Sustainable Development Sustainable Development Agenda
Lecture 20	Schemes, initiatives & programmes-1	Different Ministries and their initiatives
Lecture 21	Schemes, initiatives & programmes-2	Different Ministries and their initiatives
Lecture 22	Schemes, initiatives & programmes-3	Different Ministries and their initiatives
Lecture 23	Economic Survey 2020-21 PART 1	Economic Survey Volume-1
Lecture 24	Economic Survey 2020-21 PART 2	Economic Survey Volume-1
Lecture 25	Economic Survey 2020-21 PART 3	Economic Survey Volume-1
Lecture 26	Economic Survey 2020-21 PART 4	Economic Survey Volume-II
Lecture 27	Economic Survey 2020-21 PART 5	Economic Survey Volume-II
Lecture 28	Economic Survey 2020-21PART 6	Economic Survey Volume-II
Lecture 29	Budget 2021 PART 1	Budget
Lecture 30	Budget 2021 PART 2	Budget

Module 6: Environment & Ecology

Lecture No	Subtopics	Topics to be Covered
Lecture 1	Ecosystems Definition & Concept	Ecosystem Components Productivity Decomposition Food Chain and Food Web Nutrient Cycling Ecosystem Nitrogen cycle Population and Biotic Succession Population Characteristics Population Growth Ecological Interdependence and Interactions Biotic Community Organisation Succession on A Bare Rock Succession in Aquatic Environment
Lecture 2	Forest Ecosystem	Forest Ecosystem Desertification Classification of Natural Resources Principal Natural Resources Forest Conservation and Management Wetland Conservation
Lecture 3	Aquatic Ecosystem	Aquatic Ecosystem The Mangrove Ecosystem National Wetlands Conservation Programme Ramsar Classification System for Wetland Type Marine/Coastal Wetlands Inland Wetlands
Lecture 4	Current Affairs related to Ecosystems and Ecology- 1	Current Affairs related to above topics
Lecture 5	Current Affairs related to Ecosystems and Ecology- 2	Current Affairs related to above topics
Lecture 6	Biodiversity: Basics and Concepts	Levels of Biodiversity Community And Ecosystem Diversity Uses Of Biodiversity The International Union For Conservation Of Nature Threat List Endangered Animals In India
Lecture 7	India And Biodiversity	Biodiversity Management System for Conserving Biodiversity In India Teeb-India Initiative The Project Cheetah

		Project Leopard Project Elephant
Lecture 8	Protected Areas Networks	National Parks Wildlife Sanctuaries Marine Protected Areas
Lecture 9	Conventions Related to Biodiversity	Convention on Biological Diversity Cartagena Protocol on Biosafety The Nagoya Protocol on Access and Benefit-Sharing International Organisations
Lecture 10	Current Affairs related to Biodiversity-1	Current Affairs related to above topics
Lecture 11	Current Affairs related to Biodiversity-2	Current Affairs related to above topics
Lecture 12	Environment: Pollution- Air, Water; carcinogens	Air Pollution Water Pollution Soil Pollution Waste Management
Lecture 13	Current Affairs related to Pollution	Current Affairs related to above topics
Lecture 14	Climate Change: Basics & Concepts: GHG emissions	Greenhouse Gases and Global Warming Effects of Global Warming International Initiative for Mitigating Global Change El Niño And La Niña Effects of Global Warming on India National Policy for Natural Calamities
Lecture 15	Environmental Laws and Constitutional Provisions in India	Environmental Laws and Constitutional Provisions in India Common Principles of Environmental Management Polluter Pays Principle Brief Description of Some Important Environmental Laws Principles of Solid Waste Management
Lecture 16	Important Organisations and Global Finance Mechanisms	International Union for Conservation of Nature The Global Environment Facility (Gef) Inter-Governmental Panel on Climate Change Organisations in India Global Climate Finance Mechanisms
Lecture 17	Environmental Conflicts in India	Causes of Environmental Degradation Environmental Impacts of Mining Environmental Problems as Source of

		Social And Political Conflict And Violence
Lecture 18	Current Affairs related to Climate Change and Conventions-1	Current Affairs related to above topics
Lecture 19	Current Affairs related to Climate Change and Conventions-2	Current Affairs related to above topics
Lecture 20	Current Affairs related to Climate Change and Conventions-3	Current Affairs related to above topics

Lecture No	Subtopics	Topics to be Covered
LECTURE 1	Number System -1	Number System
LECTURE 2	Number System -2	Number System
LECTURE 3	Number System -3	Number System
LECTURE 4	Series and Progression -1	Progression
LECTURE 5	Series and Progression -2	Progression
LECTURE 6	Series and Progression -3 + Doubt Session	Progression+Doubt Session
LECTURE 7	Averages -1	Averages
LECTURE 8	Averages -2	Averages
LECTURE 9	Ratio & Proportions -1	Ratio & Proportions
LECTURE 10	Ratio & Proportions -2	Ratio & Proportions
LECTURE 11	Ratio & Proportions -3 + Doubt Session	Ratio & Proportions+Doubt Session
LECTURE 12	Mixture and Alligations -1	Mixture and Alligations
LECTURE 13	Mixture and Alligations -2	Mixture and Alligations
LECTURE 14	Percentages -1	Percentages
LECTURE 15	Percentages -2	Percentages
LECTURE 16	Percentages -3 + Doubt Session	Percentages+Doubt Session
LECTURE 17	Simple Interest & Compound Interest -1	Simple Interest & Compound Interest
LECTURE 18	Simple Interest & Compound Interest -2	Simple Interest & Compound Interest
LECTURE 19	Simple Interest & Compound Interest -3	Simple Interest & Compound Interest
LECTURE 20	Profit and Loss -1	Profit and Loss
LECTURE 21	Profit and Loss -2	Profit and Loss
LECTURE 22	Profit and Loss -3 + Doubt Session	Profit and Loss+Doubt Session
LECTURE 23	Time & Work; Pipes & Cisterns; Work & Wages -1	Time & Work; Pipes & Cisterns; Work & Wages
LECTURE 24	Time & Work; Pipes & Cisterns; Work & Wages -2	Time & Work; Pipes & Cisterns; Work & Wages
LECTURE 25	Time & Work; Pipes & Cisterns; Work & Wages -3	Time & Work; Pipes & Cisterns; Work & Wages
LECTURE 26	Speed, Time & Distance -1	Speed, Time & Distance

LECTURE 27	Speed, Time & Distance -2 + Doubt Session	Speed, Time & Distance+Doubt Session
LECTURE 28	Boats and Streams -1	Boats and Streams
LECTURE 29	Boats and Streams -2	Boats and Streams
LECTURE 30	Circular Motion -1	Circular Motion
LECTURE 31	Circular Motion -2	Circular Motion
LECTURE 32	Seating Arrangement: Linear	Linear seating arrangement
LECTURE 33	Seating Arrangement: Circular + Doubt Session	Circular Seating Arrangement+Doubt Session
LECTURE 34	Selections	Selections
LECTURE 35	Rankings	Rankings
LECTURE 36	Puzzles -1	Puzzles
LECTURE 37	Puzzles -2	Puzzles
LECTURE 38	Syllogisms -1	Syllogisms
LECTURE 39	Syllogisms -1 + Doubt Session	Syllogisms+Doubt Session
LECTURE 40	Visual and spatial reasoning	Visual and spatial reasoning
LECTURE 41	Cubes and Dices	Cubes and Dices
LECTURE 42	Reading Improvement Session -1	Reading Improvement Session
LECTURE 43	Reading Improvement Session -2	Reading Improvement Session
LECTURE 44	Reading Improvement Session -3 + Doubt Session	Reading Improvement Session+Doubt Session
LECTURE 45	Reading Comprehension: Question Types	Question Types in Reading Comprehension
LECTURE 46	Reading Comprehension: Main Idea	Main Idea
LECTURE 47	Reading Comprehension: Detail Based	Detail Based
LECTURE 48	Reading Comprehension Practice 1	Reading Comprehension Practice 1
LECTURE 49	Reading Comprehension Practice 2	Reading Comprehension Practice 2
LECTURE 50	Reading Comprehension Practice 3	Reading Comprehension Practice 3
LECTURE 51	Reading Comprehension Practice 4+Doubt Session	Reading Comprehension Practice 4+Doubt Session