

CSE Examination (Prelims, GS-I) Mock Test Series 2023-24

10 Fundamental + 15 Applied + 14 Full Length Tests

Value Added Material+ Supplementary Material : Soft Copy

High quality content written by renowned UPSC faculties & civil servants	Remedial content with explanation for all options for every MCQ	All new questions, never asked before	Take the test from anywhere	Test takers can identify learning gaps upto the competency level	Justification of the correct option at the end of the exam	Questions designed to match the actual examination competency level
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Test No.	Date of Mock Test	Type of Test Series	Subject	Syllabus	Topics	Basic Books Referred to	Reference Books Referred to	Contemporary Source
1	12 March,2023	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs					
2	9 April,2023	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs					
3	7 May,2023	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs					
4	4 June,2023	Fundamental	Environment & Ecology	<ul style="list-style-type: none"> Basic Concepts & Components of the Ecology and ecosystem Environmental Issues and Pollution Biodiversity Environmental problems Conservation efforts: India and World + Current Affairs (January-May 2023) 	Ecology and Functions of an ecosystem <ul style="list-style-type: none"> Terrestrial ecosystems Aquatic ecosystems Environmental problems <ul style="list-style-type: none"> Climate Change Acidification Eutrophication Ozone Depletion Mitigation Strategies India and Climate Change Environmental Environmental Issues and Pollution <ul style="list-style-type: none"> Pollutants Air pollution Water Pollution Soil Pollution Noise Pollution Radioactive pollution E-Waste Solid Waste Bioremediation Biodiversity Basic Concepts Plant and Animal Diversity Marine Organisms Threat to Biodiversity Protected Area Network: National parks, Wildlife sanctuaries, Biosphere reserves, Reserved and protected forests, Conservation and community reserves, Village and panchayat Forests, Private protected areas, Conservation areas Biodiversity Conservation efforts. Indian Biodiversity ad conservation efforts Bioprospecting Biosafety Biopiracy Conservation efforts: India and World Institutional and Organizational mechanisms Environmental Acts and Policies Environmental conventions Sustainable development Environmental Monitoring and Impact Assessment + Current Affairs (January - May 2023) 	NCERT Class XI – India Physical Environment o NCERT Class VII: Our Environment o NCERT Class XI : Chemistry Part – II : Ch 14: Environmental Chemistry o NCERT Class XII: Biology-Unit X -Ecology – Ch 13-16 o NCERT Class X : Chapter 15- Our Environment o NIOS Senior Secondary Courses : Environmental Studies o NIOS Senior Secondary Course : Biology – Chapter 25 to 27 (25- Principles of Ecology; 26- Conservation & Use of Natural Resources; 27-Pollution) o NIOS Senior Secondary Course : Chemistry – Chapter 32 (Environmental Chemistry) o NIOS Secondary Course : Science – Chapter 29 & 30 (29- Natural Environment ; 30- Human Impact on Environment)	Environmental Studies By Erach Bharucha · Ecology & Environment Chapter (Current India Year Book) · Disaster Management Act, Policies, etc. · India & UN – Climate Change Initiatives · Ministry of Environment, Forest & Climate Change, GOI : Report 2021-22 · Ministry of Earth Sciences GOI : Report 2021-22 · UNDP Report on Climate Change	News Papers : The Hindu, The Indian Express \$ News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) \$ Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down to Earth Magazine \$ Websites : PIB: www.pib.nic.in MOEFCC (Ministry of Environment, Forest & Climate Change): https://moef.gov.in NITI Aayog : https://www.niti.gov.in UN (United Nations): https://www.un.org UNDP (United Nations Development Programme): https://www.undp.org Ministry of Earth Sciences (MOES) GOI: https://www.moes.gov.in

5	11 June,2023	Fundamental	General Science and Latest Development in Science & Technology	<ul style="list-style-type: none"> Basic Science and Technology Physics <ul style="list-style-type: none"> Standards and units Mechanics and properties of matter Heat Sound Optics Electricity and Magnetism Atomic and Nuclear physics Modern Physics Astronomy and Space Science Chemistry <ul style="list-style-type: none"> Matters and its nature Chemical Reactions and Equations Structure of the Atom Periodic classification of elements Chemical Bonding Carbon and its compound Acid, Bases and Salts Metals and Non-metals Thermodynamics Agricultural Chemistry Medicinal Chemistry Food Chemistry Bio Chemistry Polymers and Plastics S&T in India <ul style="list-style-type: none"> Earth Sciences Energy Nuclear Science Lasers Superconductivity Nanotechnology Astronomy and Space Research Defence Research and Technology Health and Medicine Genetics Biotechnology Applications of S&T + Current Affairs (January - May 2023) 	<p>Physics</p> <ul style="list-style-type: none"> Standards and units Mechanics and properties of matter Heat Sound Optics Electricity and Magnetism Atomic and Nuclear physics Modern Physics Astronomy and Space Science <p>Chemistry</p> <ul style="list-style-type: none"> Matters and its nature Chemical Reactions and Equations Structure of the Atom Periodic classification of elements Chemical Bonding Carbon and its compound Acid, Bases and Salts Metals and Non-metals Thermodynamics Agricultural Chemistry Medicinal Chemistry Food Chemistry Bio Chemistry Polymers and Plastics <p>Science & Technology</p> <ul style="list-style-type: none"> S&T in India <ul style="list-style-type: none"> Historical Perspective - Science and Planning - S&T Policies in Independent India S&T Infrastructure in India - Department of Science and Technology Earth Sciences <ul style="list-style-type: none"> Weather Forecasting and Climate Research in India - Seismology Research Ocean Development - Natural Disasters Energy <ul style="list-style-type: none"> Types of Energy Resources - Fossil Fuels - Renewable Sources and their Development in India Nuclear Science <ul style="list-style-type: none"> Radioactivity - Radioisotopes - Nuclear Power - Applications of Nuclear S&T Safety Issues - Nuclear Weapons - India's Nuclear Science Programme - Particle Physics Information Technology - Electronics - Computers - The Internet - Computer Security Telecommunication - India and Info-Tech - Artificial Intelligence - Robots and Robotics Fibre Optics - Computer- and IT-Related Terms and Products Lasers <ul style="list-style-type: none"> Principles and Types - Applications - Basic Science - Industry - Defence - Nuclear Energy Health and Medical Care - Laser Technology in India Superconductivity <ul style="list-style-type: none"> Introduction of Superconductivity - Uses and Applications - Research in India Nanotechnology <ul style="list-style-type: none"> Understanding Nanotechnology - Approaches in Nanotechnology - Applications Implications and Various Concerns - Nanotechnology in India - Nano Mission Astronomy and Space Research <ul style="list-style-type: none"> Astronomy and its Importance - The Origin and Development of the Universe Accelerating Expansion of the Universe - The Objects in the Universe - Observing the Universe Space Exploration - Elements of Space Research and Technology - Major Space Probes India's Space Programme - India's Space Ventures - Space Applications Milestones in India's Space Ventures - Space-Industry Partnership in India - Export Promotion International Cooperation in Space - Space Garbage and Dealing with it. Defence Research and Technology <ul style="list-style-type: none"> Weapon Innovations of Note - Defence R&D in India Health and Medicine <ul style="list-style-type: none"> Disease-Causing Agents - Infectious Diseases - Non-Infectious or Degenerative Diseases Deficiency Diseases - Allergies - Cancer - Recent Lifestyle Concerns Health Policies and Programmes in India - Indian Systems of Medicine and Homoeopathy Genetics <ul style="list-style-type: none"> Introduction of Genetics - Physical Basis of Heredity - Chemical Basis of Heredity Gene Mapping - Genome Analysis and Human Genetics Biotechnology <ul style="list-style-type: none"> Introduction of Biotechnology - Biotechnology Techniques - Genetic Engineering DNA Fingerprinting - Cloning - Artificial Insemination and Embryo - Stem Cell Technology Applications of Biotechnology <ul style="list-style-type: none"> Biotech Research in India - Patents and Biotechnology - Applications of S&T Agriculture and Rural Development - Basic Resources of Agriculture Environment-Friendly Agriculture - Sustainable Agriculture S&T Advancements in Agricultural Produce in India Genetically Modified Crops: Biosafety and Regulation Animal Husbandry - Agriculture in Special Areas - Climate-Smart Agriculture Research, Education, Transfer of Technology in India- S&T and Rural Development in India Industry - Major R&D Infrastructure in India- Contribution of CSIR Intellectual Property Rights Comments on the National IPR Policy + Current Affairs (January - May 2023) 	<p>NCERT Class VIII- X: Science</p> <ul style="list-style-type: none"> NCERT Class XI-XII: Physics, Chemistry & Biology (Read Chapters according to the Syllabus) NIOS Senior Secondary Course : Biology ,Chemistry & Physics Biology (Read Chapters according to the Syllabus) NIOS Secondary Course : Science Biology (Read Chapters according to the Syllabus 	<p>Websites like ISRO, DST, DRDO, DAE</p>	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshestra, Down to Earth Magazine, Science Reporter Magazine & Websites : PIB www.pib.nic.in</p>
6	18 June,2023	Fundamental	Indian Polity	<ul style="list-style-type: none"> Indian Polity and Constitution & Working of Indian Constitution Political systems: concepts, forms and types Political system as established by the Constitution Indian Constitution: Historical Underpinnings, Evolution & Making of the Constitution, Features, Significant Provisions The Preamble The Union and its Territory Citizenship Fundamental Rights, Directive Principles & Fundamental Duties Amendment of Constitution Basic Structure of the Constitution Emergency Provisions Constitutional & Non Constitutional Bodies Central Government: President, Vice President, Prime minister, Central Council of Ministers Parliament and State Legislature Elections + Current Affairs (January - June 2023) 	<ul style="list-style-type: none"> Political systems: Democratic & Non-Democratic, Parliamentary & Presidential, Unitary & Federal, Direct and Representative, Republic and Monarchy etc. Constitutionalism Historical Underpinnings Evolution & Making of the Constitution Features and Significant Provisions The Preamble The Union and its Territory Citizenship Fundamental Rights Directive Principles Fundamental Duties Amendment of Constitution Basic Structure of the Constitution Emergency Provisions Central Government <ul style="list-style-type: none"> President Vice President Prime minister Central Council of Ministers and Cabinet committees Posts like Cabinet Secretary, Chief Secretary, etc Parliament: The Council of States, The House of People, Disqualification and Vacation of Seats, Presiding Officers of Parliament, Houses: Their Working, Legislative Procedures in Parliament, Budget, Powers and Functions of Parliament: Its Role, Committees of Parliament, Parliamentary Forums Elections and political parties Representation of People's Act (1950-51) Election Process: Delimitation Act etc., Anti Defection Law, Pressure Group" + Current Affairs (January - June 2023) 	<p>o NCERT Class IX and X : Democratic Politics I & II o NCERT Class XI: Indian Constitution at Work o NCERT Class XI : Political Theory o NCERT Class XII : Politics in India Since Independence</p>	<ul style="list-style-type: none"> Introduction to the Constitution of India: D. D. Basu Our Political System: Subhash Kashyap Our Parliament : Subhash Kashyap 2nd ARC Report-15th 	<p>& News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshestra, Economic & Political Weekly, & Websites : PIB www.pib.nic.in</p>

7	25 June,2023	Fundamental	Indian Polity	<ul style="list-style-type: none"> • State Government • Judiciary • Indian Federalism • Local Government • Other Dimensions • Political Dimensions • Constitutional Bodies • Non-Constitutional Bodies • International Institutions • + Current After (January - July 2023) 	<p>State Government</p> <ul style="list-style-type: none"> • Governor • Chief Minister • State Council of Ministers • State Legislature <p>Judiciary</p> <ul style="list-style-type: none"> • Supreme Court • High Courts • Subordinate Courts <p>Indian Federalism</p> <ul style="list-style-type: none"> • Centre-State Relations • Inter-state Relations <p>Local Government</p> <ul style="list-style-type: none"> • Panchayati Raj • Local Urban Government • Government Schemes <p>Other Dimensions</p> <ul style="list-style-type: none"> • Official Language • Public Services • Tribunals • Special provisions for SCs, STs, BCs, Minorities & Anglo-Indians • Rights and liabilities of the Government • Authoritative text in Hindi Language • Anti-defection law <p>Political Dimensions</p> <ul style="list-style-type: none"> • Ministries and Departments of the Government • Pressure groups • Elections & political parties • Representation of People's Act • Election Process • Governance • Transparency & Accountability • RTI • Citizen's Charter • e-Governance <p>Constitutional Bodies</p> <ul style="list-style-type: none"> • Election Commission • Union Public Service Commission (UPSC) • State Public Service Commission (SPSC) • Finance Commission • CAG • Attorney general of India • Advocate general of India. • Special officer for Linguistic Minorities • National Commission for Scheduled Castes (NCSC) • National Commission for Scheduled Tribes (NCST) • National Commission for Backward Castes (NCBC) etc. <p>Non-Constitutional Bodies</p> <ul style="list-style-type: none"> • NITI Aayog • NHRC • SHRC • CIC • SIC • CVC • CBI • Lokpal • Lokayukta • NCPCR etc. <p>International Institutions</p> <ul style="list-style-type: none"> • UN, • World Bank, • IMF, • WIPO, • ADB, • BRICS • SHARC • G20 • G-7 and etc. + Current Affairs (January - July 2023) 	<p>o NCERT Class IX and X : Democratic Politics I & II o NCERT Class XI: Indian Constitution at Work o NCERT Class XI : Political Theory o NCERT Class XII : Politics in India Since Independence</p>	<p>• Introduction to the Constitution of India: D. D. Basu • Our Political System: Subhash Kashyap • Our Parliament : Subhash Kashyap • 2nd ARC Report-15th</p>	<p>§ News Papers : The Hindu, The Indian Express § News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) § Magazines :Yojana, Kurukshetra, Economic & Political Weekly, § Websites : PIB www.pib.nic.in</p>
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8	9 July,2023	Fundamental	World Geography	<ul style="list-style-type: none"> Physical Geography of the World Origin and Evolution of Universe Geomorphology Climatology Oceanography Biogeography Continents (Land, Climate, Resources etc.): Asia, Africa, North America, South America, Antarctica, Europe, and Australia Economic and Human Geography - World Economic Geography of the World: Primary, Secondary, Tertiary, Quaternary and Quinary activities Human Geography of World World Population, Distribution & Density, Races & Tribes, Settlement & Migration + Current Affairs (January - July 2023) 	<p>Physical Geography of the World</p> <ul style="list-style-type: none"> Origin and Evolution of Universe, Solar System Geological History of the Earth Geological Time Scale Latitude and Longitude including important Parallels and Meridians Motions of the Earth and their effects Inclination of the Earth's Axis and its effects Local and Standard Time and the International Date Line, Calendar Eclipses - Solar, Lunar <p>Geomorphology - Interior structure of the earth, Earth's crust, Classification of rocks.</p> <ul style="list-style-type: none"> Landform Development - First order (continental drift theory, sea floor spreading, plate tectonics theory), Second order (Mountains, Plateaus, Plains & other landforms) Internal forces & their impact - Volcanoes, Earthquakes, Folding, Faulting, Isostasy) External forces & their impact - Weathering, Erosion & landforms thus developed <p>Climatology - Structure, Composition of atmosphere</p> <ul style="list-style-type: none"> Weather & Climate Insolation, Heat Budget, Distribution of temperature, Temperature Inversion Pressure and Pressure belts Winds - Planetary, Seasonal and Local; Jet Streams Precipitation-Forms & Types, Distribution of rainfall Air Masses, Cyclones and anti-cyclones World Climatic regions <p>Oceanography - Features, Ocean waves, currents, tides & Tsunamis, Temperature & Salinity distribution, marine resources</p> <p>Biogeography</p> <ul style="list-style-type: none"> Soils - Classification, distribution, erosion & Conservation <p>Continents - Major physical features and landforms</p> <ul style="list-style-type: none"> Map based questions from world (rivers, lakes, location, city, oceans etc.) <p>World Economic and Human Geography:</p> <ul style="list-style-type: none"> Natural resources and mineral resources and distribution of key natural resources across the world Agriculture and agro-climatic regions Industry and location factors Infrastructure World Population, density & distribution, races & tribes, settlements & migration Map Based Questions from World (Location of state, city, minerals, industries etc.) + Current Affairs (January - July 2023) 	<ul style="list-style-type: none"> o NCERT Class VIII– Resources and Development o NCERT Class IX -Contemporary India I o NCERT Class X - Contemporary India II o NCERT Class XI - Fundamentals of Physical Geography o NCERT Class XI – India Physical Environment o NCERT Class XII -Fundamentals of Human Geography o NCERT Class XII - India People and Economy <p>o NIOS Senior Secondary Course: Geography</p>	<p>Introducing Physical Geography, 6th Edition By Alan H. Strahler (Wiley Publication) · Human Geography: People, Place, and Culture, 12th Edition By Erin H. Foubert, Alexander B. Murphy (Wiley Publication) · Certificate Physical and Human Geography By Goh Cheng Leong (Oxford) · Orient Blackswan / Oxford Atlas · National/ International Report : Mineral Report of India 2021-22 By Ministry of Mines , Horticulture Statistics At a Glance 2018 By Ministry of Agriculture & Farmer's Welfare GOI , Statistical Yearbook World Food and Agriculture 2021 By Food and Agriculture Organization of United Nations, World Mineral Production 2016-20 By BGS (British Geological Survey), IFSR (India State of Forest Report) 2021 By Forest Survey of India, Annual Report 2021-22 By Depart of Animal Husbandry and Dairying (Ministry of Fisheries , Animal Husbandry and Dairying GOI),20th Livestock Census of India ,India & World Census Report, UNDP Report ,Agriculture Statistics at a Glance 2021 By Ministry of Agriculture and Farmer's Welfare GOI,</p>	<p>News Papers : The Hindu, The Indian Express \$ News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) \$ Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down To earth Magazine \$ Websites : PIB www.pib.nic.in \$ Other Websites : 1. Website of Ministry of Environment, Forest and Climate Change GOI- Report 2021-22, http://moef.gov.in 2. Ministry of Earth Sciences GOI – Reports 2021-22 https://www.moes.gov.in</p>
9	30 July,2023	Fundamental	Geography of India	<ul style="list-style-type: none"> Physical Geography of India Location Indian Climate Soils Indian Flora & Fauna Indian Economic and Human Geography Agriculture typology and major Crops grown in India. Agro-Climatic Regions Land Reforms and Land use pattern Animal Husbandry, Fisheries and Aquaculture Water Resources- Availability and potential: Lakes, rivers, dams, power and irrigation projects, wetlands and interlinking of rivers. Mineral Resources- classification and distribution Energy Resources- conventional and non-conventional resources Population and Growth trends - density, sex ratio, literacy, tribes and racial groups in India Rural and Urban Settlements- types and patterns Industries- types and their locational factors Transport and Communication -railways, highways, inland water transport, shipping and seaports, air transport Map Based Questions from India (Location of state, city, river, lakes, important places including Ramsar sites, Biosphere Reserves, Wildlife Sanctuaries and National Parks) Current Affairs (January- August 2023) 	<p>Physical Geography of India</p> <ul style="list-style-type: none"> Location: Latitude, Longitude Northern Mountains, Plains of India, Peninsular Plateau and Islands of India. Himalayan and Peninsular Drainage System Spatial and temporal distribution of temperature, pressure, winds and rainfall Indian Monsoon: mechanism, onset and variability; spatial and temporal variations Climatic Regions of India Classification of Soils Problems of Soil and Conservation Forests and their distribution, Forest Conservation Map Based Questions from India (Location of state, city, river, lakes, important places including Ramsar sites, Biosphere Reserves, Wildlife Sanctuaries and National Parks) Agriculture typology and major Crops grown in India Agro-Climatic Regions Land Reforms and Land use pattern Animal Husbandry, Fisheries and Aquaculture Water Resources- Availability and potential: Lakes, rivers, dams, power and irrigation projects, wetlands and interlinking of rivers Mineral Resources- classification and distribution Energy Resources- conventional and non-conventional resources Population and Growth trends - density, sex ratio, literacy, tribes and racial groups in India Rural and Urban Settlements- types and patterns Industries- types and their locational factors Transport and Communication -railways, highways, inland water transport, shipping and seaports, air transport Map Based Questions from India (Location of state, city, minerals, industries etc.)" + Current Affairs (January - August 2023) 	<ul style="list-style-type: none"> o NCERT Class VIII– Resources and Development o NCERT Class IX -Contemporary India I o NCERT Class X - Contemporary India II o NCERT Class XI - Fundamentals of Physical Geography o NCERT Class XI – India Physical Environment o NCERT Class XII -Fundamentals of Human Geography o NCERT Class XII - India People and Economy <p>o NIOS Senior Secondary Course: Geography</p>	<p>Introducing Physical Geography, 6th Edition By Alan H. Strahler (Wiley Publication) · Human Geography: People, Place, and Culture, 12th Edition By Erin H. Foubert, Alexander B. Murphy (Wiley Publication) · Certificate Physical and Human Geography By Goh Cheng Leong (Oxford) · Orient Blackswan / Oxford Atlas · National/ International Report : Mineral Report of India 2021-22 By Ministry of Mines , Horticulture Statistics At a Glance 2018 By Ministry of Agriculture & Farmer's Welfare GOI , Statistical Yearbook World Food and Agriculture 2021 By Food and Agriculture Organization of United Nations, World Mineral Production 2016-20 By BGS (British Geological Survey), IFSR (India State of Forest Report) 2021 By Forest Survey of India, Annual Report 2021-22 By Depart of Animal Husbandry and Dairying (Ministry of Fisheries , Animal Husbandry and Dairying GOI),20th Livestock Census of India ,India & World Census Report, UNDP Report ,Agriculture Statistics at a Glance 2021 By Ministry of Agriculture and Farmer's Welfare GOI,</p>	<p>News Papers : The Hindu, The Indian Express \$ News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) \$ Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down To earth Magazine \$ Websites : PIB www.pib.nic.in \$ Other Websites : 1. Website of Ministry of Environment, Forest and Climate Change GOI- Report 2021-22, http://moef.gov.in 2. Ministry of Earth Sciences GOI – Reports 2021-22 https://www.moes.gov.in</p>

10	13 August,2023	Fundamental	Ancient India , Medi- eval India and Art & Culture of India	<p>Ancient India</p> <ul style="list-style-type: none"> • Prehistoric period • Harappan / Indus Valley Civilization • Vedic Age • Mahajanapadas & Rise of Magadh • Religious Reforms • Iranian & Macedonian Invasion • Mauryan Age & Post Mauryan Age • Guptas Age • Sangam Age • Regional Kingdoms • Post Guptas Age <p>Art & Culture</p> <ul style="list-style-type: none"> • Architecture and Sculptures • Religion and Philosophy • Indian paintings • Indian Music • Indian Dances • Indian Theatres & Puppetry • Indian Cinema and Circus • Bhakti & Sufi Movement • Language & Literature • Fairs, Festivals and Craft -Religious Festivals, Secular Festivals (States & UT's), Art & Crafts. • Promotion and Preservation of Indian Heritage • Science and Technology <p>Medieval India</p> <ul style="list-style-type: none"> • India: Early Medieval Period • Triparty Struggle • Turkish conquest of India Ghaznavid Muhammad Ghuri • Rajput States • The Delhi Sultanate • Vijayanagar & other Kingdoms • Regional Kingdoms • Religious Movements • Southern Dynasties • Mughal Period • Maratha Confederacy • + Current Affairs (January - August 2023) 	<p>Ancient India</p> <ul style="list-style-type: none"> • Prehistoric period <ul style="list-style-type: none"> - Paleolithic - Mesolithic - Neolithic - Chalcolithic • Harappan / Indus Valley Civilization • Vedic Age <ul style="list-style-type: none"> - Early Vedic period - Later Vedic period • Mahajanapadas & Rise of Magadh • Religious Reforms • Iranian & Macedonian Invasion • Mauryan Age & Post Mauryan Age <ul style="list-style-type: none"> - Indo Greek Invasion - Indo Greeks - Parthians - Shaka - Kushanas - Indo-Sassanian • Sungas - Kanvas - Satavahanas • Sangam Age • Guptas Age & Post Guptas Age <ul style="list-style-type: none"> - Harshavardhana - Pallava - Chalukya • (Brief History, Salient Features, Social, Economics, Religious and Cultural conditions of all the above) <p>Art & Culture</p> <ul style="list-style-type: none"> • Architecture: Indus Valley Civilization, The Mauryan Architecture, The Sungas, Kushanas, Satavahanas & Guptas, The Temple Architecture, Indo-Islamic Architecture, Modern Architecture • Sculpture: Indian Sculpture and Different schools of Art • Indian Paintings: Historical development - Wall Paintings, Cave and Mural Paintings, Miniature Paintings, Mughal Paintings, Rajput Paintings, Folk Paintings, Other Paintings, Modern Indian Paintings & Personalities • Religion and Philosophy • Religion: Hinduism, Jainism, Buddhism, Islam, Christianity, Zoroastrianism, Judaism • Philosophy: Six Schools of Philosophy, Ajivika, Lokayata etc. • Indian Music: Classical Music, Hindustani Music, Carnatic Music, Folk Music Tradition • Indian Dance: Classical Dance forms in India, Folk Dances, Modern Dance in India • Puppetry and Theatre: Different forms of Puppetry in India, Theatres in India: Folk Theatre, Modern Theatre, People Associated with Theatres, Indian Cinema and Circus • Language & Literature: Indian Language, Indian Literature • Fairs, Festivals and Craft: Religious Festivals, Secular Festivals (States & UT's), Art & Crafts • Science & Technology, Ancient, Science & Technology, Medieval Science & Technology, Famous Personalities in Ancient and Medieval India • Promotion and Preservation of Indian Heritage: Indian Word Heritage Sites, Cultural Heritage Sites, Natural Heritage Sites, Important Institutions <p>Medieval India</p> <ul style="list-style-type: none"> • Triparty Struggle <ul style="list-style-type: none"> - Pratiharas, Palas - Chola Empire - Turkish conquest of India Ghaznavid Muhammad Ghuri - Rajput States • Delhi Sultanate - Slave dynasty - The Khaljis - The Tughlaqs - The Sayyids - The Lodhis <ul style="list-style-type: none"> - Southern Dynasties - Hoysalas - Yadavas - Kakatiyas - Vijaynagara - Bahmani Kingdom - Regional Kingdoms - Religious Movements - Bhakti Movement - Sufi Movement • Mughal empire (Including later Mughals) <ul style="list-style-type: none"> - Maratha Confederacy (Brief History, Salient Features, Social, Economics, Religious and Cultural conditions of all the above) + Current Affairs (January - August 2023) 	<p>o Old NCERT: Ancient India</p> <p>o Old NCERT: Medieval India</p> <p>o NCERT Class IX & X : An Introduction to Indian Art I & II</p> <p>o Indian Culture & Heritage By NIOS Secondary Course</p>	<p>• The Wonder That Was India : AL Basham</p>	<p>News Papers : The Hindu, The Indian Express \$ News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) \$ Magazines :Yojana, Kurukshetra \$ Websites : PIB www.pib.nic.in https://prsindia.org \$ Other Website: CCRT http://ccrtindia.gov.in http://ccrtindia.index.php Bharatiya Vidya Bhavan (Established By Dr.K. M.Munshi) www.bhavans.info Indian Culture http://indianculture.gov.in</p>
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11	27 August,2023	Fundamental	Modern India	<ul style="list-style-type: none"> • Fall of Mughals • Advent of Europeans • India under East India Company's Rule • Freedom to Partition (1939 - 1947) • Indian Kingdoms in 18th century: Marathas, Punjab, Mysore, Hyderabad etc. • Socio - Religious Reform Movements in the 19th and 20th CE India – Arya Samaj, Brahma Samaj, etc. • The Great Revolt of 1857 • Changes in Indian Administration after 1858 - GOI ACT 1858, Councils Act, 1861, 1892. • Growth of Political Ideas and Political Organizations (up to 1885) • Foundation of the Indian National Congress • National movement (1885 - 1919) • Moderate Phase (1885-1905) • Partition of Bengal and the Swadeshi Movement • The first phase of Revolutionary and Terrorist Movement • The Morley-Minto Reforms or the Indian Councils Act, 1909 • The Lucknow Pact (1916) • The Home Rule Movement • National movement (1919 - 1939) • Montague-Chelmsford Reforms or the Government of India act, 1919 • The Khilafat Movement (1920-22) and Non-Cooperation Movement • The Left Movement • The second phase of Revolutionary and Terrorist Movement • Anti-Simon Commission Agitation (1928-29) • Nehru Report, 1928 • The Lahore Session, 1929 • The Civil Disobedience Movement • The Government of India Act, 1935 • Provincial Elections and Formation of popular Ministries in Provinces, 1937 • Freedom to Partition (1939 - 1947) • Other Dimensions • Miscellaneous: Reforms / Acts / Committee, Congress Sessions, Governor –General Viceroy etc.+Current Affairs (January - September 2023) 	<ul style="list-style-type: none"> • Fall of Mughals • Advent of Europeans • Coming of Europeans • Struggle among Europeans • Rise of East India Company • India under East India Company's Rule • Administration • Political policies • Regulating Act of 1773 • Pitt's India Act 1784 • Charter Acts of 1784, 1793, 1813,1833, 1853 • British Expansion Policy: Doctrine of lapse, Subordinate alliance etc. • Economic Policies and their impact • Agricultural policies • Famine policy • Foreign Policies • Social Policies •Education Policies • Religious Policies • Indian Kingdoms in 18th century: Marathas, Punjab, Mysore, Hyderabad etc. • Socio - Religious Reform Movements in the 19th and 20th CE India – Arya Samaj, Brahma Samaj, etc. • The Great Revolt of 1857 • Changes in Indian Administration after 1858 - GOI ACT 1858, Councils Act, 1861, 1892. • Growth of Political Ideas and Political Organizations (up to 1885) • Foundation of the Indian National Congress • National Movement (1885 - 1919) • Moderate Phase (1885-1905) • Partition of Bengal and the Swadeshi Movement • The First Phase of Revolutionary and Terrorist Movement • The Morley-Minto Reforms or the Indian Councils Act, 1909 • The Lucknow Pact (1916) • The Home Rule Movement • National Movement (1919 - 1939) • Montague-Chelmsford Reforms or the Government of India act, 1919 • The Khilafat Movement (1920-22) and Non-Cooperation Movement • The Left Movement • The Second Phase of Revolutionary and Terrorist Movement • Anti-Simon Commission Agitation (1928-29) • Nehru Report, 1928 • The Lahore Session, 1929 • The Civil Disobedience Movement • The Government of India Act, 1935 • Provincial Elections and Formation of popular Ministries in Provinces, 1937 • Freedom to Partition (1939 - 1947) • The Second World War and the National Movement • The August Offer 1940 • The Individual Satyagraha 1940-41 • The Cripps Proposal, 1942 • The Quit India Movement, 1942 • Subhash Bose and Indian National Army • Rajagopalachari Formula & Desai Liaqat Plan • Wavell Plan and Simla Conference 1945 • General Elections in India, 1945 • Naval Mutiny: 1946 • The Indian Independence Act, 1947 • Other Dimensions • Tribal Movements • Peasants Movement • Dalit Movements • Women Movement • Role of Press and Publications • Role of Business Groups • Miscellaneous: Reforms / Acts / Committee, Congress Sessions, Governor- Generals/ Viceroy etc. • + Current Affairs (January - September 2023) 	Old NCERT: Modern India by Bipin Chandra o NCERT Class XI : Themes in Indian History I,II & III o NCERT Class IX & X : Contemporary India I & II o NCERT Class IX & X : India & the Contemporary World I & II o History By NIOS Senior Secondary Course	India's Struggle for Independence : Bipin Chandra · India's Struggle for Independence : Bipin Chandra · From Plassey to Partition: Shekhar Bandyopadhyay · History of Modern India : Bipin Chandra · Indian After Independence : Bipin Chandra	News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra & Websites : PIB www.pib.nic.in https://prsindia.org & Other Website: CCRT http://ccrtindia.gov.in http://ccrtindia.index.php Bharatiya Vidya Bhavan (Established By Dr.K. M.Munshi) www.bhavans.info Indian Culture http://indianculture.gov.in
12	10 September,2023	Fundamental	Indian Economy	<ul style="list-style-type: none"> • National Income Accounting • Money and Banking • Inflation and Employment • Capital Market • Government budgeting and Fiscal Policy • + Current Affairs (January - September 2023) 	<p>National Income Accounting:</p> <ul style="list-style-type: none"> • Definition • Concepts: GDP, GNP, Market Price and Factor Cost, NNP, NDP, transfer payments, National income at FC, Personal Income, disposable income, factors affecting national income, net foreign facto income • Measurement of national income: value added method, income method, expenditure method, Application of various methods, Base year, GDP deflator • Debates around GDP and other indices <p>Money and Banking</p> <ul style="list-style-type: none"> • Money: Definition, Functions and significance, Evolution of Money, Money supply in India and factors affecting it • Banking: Need of banks, Function, Commercial Banks <ul style="list-style-type: none"> - Central Bank: Importance, functions, Structure, Policy tools, Monetary Policy (CRR, SLR, OMO, Repo and Rev Repo, MSF etc.) - Banking Reforms • Inflation and Employment • Inflation: Definition, Inflationary Gap and Inflationary Process, Inflation Cycles: Demand Pull Inflation, Cost Push Inflation, Causes of Inflation, Inflation Control measures • Unemployment: Types of Unemployment: Structural, Seasonal, Frictional, Cyclical, Nature of Unemployment in India <p>Government budgeting and Fiscal Policy</p> <ul style="list-style-type: none"> • Budgeting: Evolution of Budgeting, Institutions and Laws, The Union Budget: Components - Revenue Account, Capital Account, Measures of Government Deficit etc., Weaknesses in the Budgetary Process • Fiscal Policy: Public Finance - Role and Importance, Public Expenditure - Revenue and Capital, Development and Non-Development, Public Revenue - Sources of Revenue, Taxes: Classification, Direct and Indirect, Specific and Ad Valorem, Social and Economic Objectives of Taxes, Objectives of Taxation, GST, d.) Public Debt, Deficit Financing <p>Capital Markets</p> <ul style="list-style-type: none"> • Basic Terms and Concepts, Equity and debt Instruments, Primary market and Secondary markets etc. + Current Affairs (January - September 2023) 	• NCERT Class XII : Introductory Macroeconomics · NCERT Class XII : Introductory Microeconomics · NCERT Class XI: Indian Economic Development · NCERT Class X: Understanding Economic Development · NCERT Class IX : Economics	• Indian Economy By Uma Kapila · Indian Economy By Dutt and Sundaram · Indian Economy By Mishra & Puri · Indian Economy (Special Issue) - Pratiyogita Darpan · Economic Survey & Budget of Govt. of India (Current Year) · India Year Book (Current Year)	<ul style="list-style-type: none"> • News Papers : The Hindu, The Indian Express, The Economic Times, Business Standard • News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, & Websites : PIB www.pib.nic.in & Other Websites: www.ipindia.nic.in www.copyright.gov.in & Official Websites of WTO, IMF, WIPO etc. & Websites like Ministry of Finance of India & Websites of Regulatory Bodies like RBI, SEBI etc

13	24 September, 2023	Fundamental	Indian Economy	<ul style="list-style-type: none"> • Government Budgeting and Fiscal Policy • External Sector and Currency Exchange Rate • International Trade and Bodies • Agriculture • Infrastructure • Industrial Sector • Current Indian Budget & Economic Survey • Economic Reforms till now + Current Affairs (January - September 2023) 	<p>Government Budgeting and Fiscal Policy</p> <ul style="list-style-type: none"> • Budgeting • Evolution of Budgeting • Institutions and Laws • The Union Budget: Components - Revenue Account, Capital Account, Measures of Government Deficit etc., • Weaknesses in the Budgetary Process • Fiscal Policy • Public Finance - Role and Importance, • Public Expenditure - Revenue and Capital, Development and Non-Development • Public Revenue • Sources of Revenue • Taxes • Classification - Direct and Indirect, Specific and Ad Valorem • Social and Economic Objectives of Taxes • Public Debt • Deficit Financing <p>External Sector and Currency Exchange Rate</p> <ul style="list-style-type: none"> • Balance of Payments: Definition, Current and Capital Accounts, Convertibility • FDI, FII -- issues, challenges etc. • Foreign Trade of India • Trade Policy • Product wise trade • Region wise trade • Subsidy boxes • WTO related issues and India • Intellectual Property Rights <p>International Trade and Bodies:</p> <ul style="list-style-type: none"> • IMF: Purpose and Objectives, • Organization and Functions, • Working and Evaluation, • IMF and Underdeveloped Countries, • SDR's, • Reforms etc., • World Bank • Bilateral and Regional Cooperation <p>Agriculture:</p> <ul style="list-style-type: none"> • Recent trends in Agriculture Sector • Cropping System and Pattern. • Agricultural Marketing and Reforms • Agricultural Research. • Sustainable Agriculture. • Animal Husbandry • PDS • Farm distress and government initiatives <p>Industrial Sector</p> <ul style="list-style-type: none"> • Industrial Policies • Licensing • MSME • Labour Reforms • Companies Act • Make in India, Skill India • Challenges in Industrial development • Organized and unorganized sector • PPP • Investment models <p>Economic Reforms till now</p> <ul style="list-style-type: none"> • Government policies • Five-year Plans: Priorities and Performance, Issues related to planning. • Economic Policies till 1991 • Economic Reforms since 1991: End of license Raj, Liberalization, Privatization and Globalization • Niti Aayog & its Planning <p>Infrastructure:</p> <ul style="list-style-type: none"> • IT, Communication, Urbanization, Transport, Mining, etc. • Current Indian Budget & Economic Survey + Current Affairs (January - September 2023) 	<ul style="list-style-type: none"> • NCERT Class XII : Introductory Macroeconomics • NCERT Class XII : Introductory Microeconomics • NCERT Class XI: Indian Economic Development • NCERT Class X: Understanding Economic Development • NCERT Class IX : Economics 	<ul style="list-style-type: none"> • Indian Economy By Uma Kapila • Indian Economy By Dutt and Sundaram • Indian Economy By Mishra & Puri • Indian Economy (Special Issue) - Pratiyogita Darpan • Economic Survey & Budget of Govt. of India (Current Year) • India Year Book (Current Year) 	<ul style="list-style-type: none"> • News Papers : The Hindu, The Indian Express, The Economic Times, Business Standard • News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, • Websites : PIB www.pib.nic.in & Other Websites: www.ipindia.nic.in www.copyright.gov.in & Official Websites of WTO, IMF, WIPO etc. & Websites like Ministry of Finance of India & Websites of Regulatory Bodies like RBI, SEBI etc
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14	1 October,2023	Applied	Environment & Ecology	<ul style="list-style-type: none"> Ecology and Functions of An Ecosystem Environmental Pollution Biodiversity Environmental Problems Conservation Efforts: India and World + Current Affairs (January - September 2023) 	<p>Ecology and Functions of An Ecosystem</p> <ul style="list-style-type: none"> Terrestrial Ecosystems Aquatic Ecosystems <p>Environmental Pollution</p> <ul style="list-style-type: none"> Pollutants Air Pollution Water Pollution Soil Pollution Noise Pollution Radioactive Pollution E-Waste Solid Waste Bioremediation <p>Biodiversity</p> <ul style="list-style-type: none"> Basic Concepts Plant and Animal Diversity Marine Organisms Threat to Biodiversity Protected Area Network: National parks, Wildlife sanctuaries, Biosphere reserves, Reserved and protected forests, Conservation and community reserves, Village and panchayat Forests, Private protected areas, Conservation areas. Biodiversity Conservation efforts Indian Biodiversity ad conservation efforts Bioprospecting Biosafety Biopiracy <p>Environmental Problems</p> <ul style="list-style-type: none"> Climate Change Acidification Eutrophication Ozone Depletion Mitigation Strategies India and Climate Change <p>Conservation Efforts: India and World</p> <ul style="list-style-type: none"> Institutional and Organizational mechanisms Environmental Acts and Policies Environmental conventions Sustainable development Environmental Monitoring and Impact Assessment + Current Affairs (January- September 2023) 	<p>NCERT Class XI – India Physical Environment o NCERT Class VII: Our Environment o NCERT Class XI : Chemistry Part – II : Ch 14: Environmental Chemistry o NCERT Class XII: Biology- Unit X -Ecology – Ch 13-16 o NCERT Class X : Chapter 15- Our Environment o NIOS Senior Secondary Courses : Environmental Studies o NIOS Senior Secondary Course : Biology – Chapter 25 to 27 (25- Principles of Ecology; 26- Conservation & Use of Natural Resources; 27-Pollution) o NIOS Senior Secondary Course : Chemistry – Chapter 32 (Environmental Chemistry) o NIOS Secondary Course : Science – Chapter 29 & 30 (29- Natural Environment ; 30- Human Impact on Environment)</p>	<p>Environmental Studies By Erach Bharucha · Ecology & Environment Chapter (Current India Year Book) · Disaster Management Act, Policies, etc. · India & UN – Climate Change Initiatives · Ministry of Environment, Forest & Climate Change, GOI : Report 2021-22 · Ministry of Earth Sciences GOI : Report 2021-22 · UNDP Report on Climate Change</p>	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down to Earth Magazine & Websites : PIB: www.pib.nic.in MOEFCC (Ministry of Environment, Forest & Climate Change): https://moef.gov.in NITI Aayog : https://www.niti.gov.in UN (United Nations): https://www.un.org UNDP (United Nations Development Programme): https://www.undp.org Ministry of Earth Sciences (MOES) GOI: https://www.moes.gov.in</p>
15	8 October,2023	Applied	General Science and Latest Development in Science & Technology	<p>Biology</p> <ul style="list-style-type: none"> Introduction Cell Biology Life Processes Biocommunication Diseases and Defence Mechanism Origin and Evolution of life Genetics Plant Biology + Applied Science and Modern Day Technology / Latest Research + Current Affairs (January - October 2023) 	<p>Biology:</p> <ul style="list-style-type: none"> Introduction Cell Biology Life Processes - Nutrition System, Transportation/ Circulatory System , Respiration System , Skeletal System, Excretory System, Muscle Movement. Biocommunication Genetics - The Science of Heredity Diseases and Defence Mechanisms Origin and Evolution of life Plant Biology - Plant Growth and Development + Applied Science and Modern Day Technology / Latest Research + Current Affairs (January - October 2023) 	<p>NCERT Class VIII- X: Science · NCERT Class XI-XII: Physics, Chemistry & Biology (Read Chapters according to the Syllabus) · NIOS Senior Secondary Course : Biology ,Chemistry & Physics Biology (Read Chapters according to the Syllabus) · NIOS Secondary Course : Science Biology (Read Chapters according to the Syllabus</p>	<p>Websites like ISRO, DST, DRDO, DAE</p>	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Down to Earth Magazine, Science Reporter Magazine & Websites : PIB www.pib.nic.in</p>
16	15 October,2023	Applied	Environment & Ecology and Science & Technology					
17	22 October,2023	Applied	Indian Polity	<p>Indian Polity and Constitution & Working of Indian Constitution</p> <ul style="list-style-type: none"> Political Systems The Preamble The Union and its Territory Citizenship Fundamental Rights, Directive Principles & Fundamental Duties Amendment of Constitution Basic Structure of the Constitution Emergency Provisions Central Government: President, Vice President, Prime minister, Central Council of Ministers Parliament and State Legislature Elections + Current Affairs (January- October 2023) 	<ul style="list-style-type: none"> Political Systems: Democratic & Non-Democratic, Parliamentary & Presidential, Unitary & Federal, Direct and Representative, Republic and Monarchy etc. Constitutionalism Historical Underpinnings Evolution & Making of the Constitution Features and Significant Provisions The Preamble The Union and its Territory Citizenship Fundamental Rights Directive Principles Fundamental Duties Amendment of Constitution Basic Structure of the Constitution Emergency Provisions <p>Central Government</p> <ul style="list-style-type: none"> President Vice President Prime minister Central Council of Ministers and Cabinet committees Posts like Cabinet Secretary, Chief Secretary, etc Parliament: The Council of States, The House of People, Disqualification and Vacation of Seats, Presiding Officers of Parliament, Houses: Their Working, Legislative Procedures in Parliament, Budget, Powers and Functions of Parliament: Its Role, Committees of Parliament, Parliamentary Forums Governor Elections and political parties Representation of People's Act (1950-51) Election Process: Delimitation Act etc., Anti Defection Law, Pressure Group + Current Affairs (January- October 2023) 	<p>o NCERT Class IX and X : Democratic Politics I & II o NCERT Class XI: Indian Constitution at Work o NCERT Class XI : Political Theory o NCERT Class XII : Politics in India Since Independence</p>	<p>· Introduction to the Constitution of India: D. D. Basu · Our Political System: Subhash Kashyap · Our Parliament : Subhash Kashyap · 2nd ARC Report-15th</p>	<p>& News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, & Websites : PIB www.pib.nic.in</p>

18	29 October,2023	Applied	Indian Polity	<ul style="list-style-type: none"> • State Government: • Indian Federalism • Local Government • Judiciary • Political Dimensions • Other Dimensions • Constitutional Bodies • Non- Constitutional Bodies • International Institutions • + Current Affairs (January - October2022) 	<p>State Government</p> <ul style="list-style-type: none"> • Governor • Chief Minister • State Council of Minister • State Legislature <p>Indian Federalism</p> <ul style="list-style-type: none"> • Centre State Relations • Inter-State Relations <p>Local Government</p> <ul style="list-style-type: none"> • Panchayati Raj • Local Urban Government • Government Schemes <p>Judiciary</p> <ul style="list-style-type: none"> • Supreme Court • High Courts • Subordinate Courts: District Courts, Gram Nyayalayas, ADRs, NALSA etc., • Structure, organization and functioning of the Executive. <p>Political Dimensions</p> <p>Ministries and Departments of the Government</p> <p>Pressure groups, Elections & political parties, Representation of People's Act, Election Process, Governance, Transparency & Accountability, RTI, Citizen's Charter, e-Governance</p> <p>Other Dimensions</p> <p>Official Language, Public Services, Tribunals, Special provisions for SCs, STs, BCs, Minorities & Anglo-Indians, Rights and liabilities of the Government, Authoritative text in Hindi Language, Anti-defection law,</p> <p>Constitutional Bodies, Election Commission, Union Public Service Commission (UPSC), State Public Service Commission (SPSC), Finance Commission, CAG, Attorney general of India, Advocate general of India.</p> <p>Special officer for Linguistic Minorities</p> <ul style="list-style-type: none"> - National Commission for Scheduled Castes (NCSC) - National Commission for Scheduled Tribes (NCST) - National Commission for Backward Castes (NCBC) etc. <p>Non-Constitutional Bodies</p> <ul style="list-style-type: none"> NITI Aayog, NHRC, SHRC, CIC, SIC, CVC, CBI, Lokpal, Lokayukta, NCPCR etc. <p>International Institutions</p> <ul style="list-style-type: none"> UN, World Bank, IMF, WIPO, ADB, BRICS, SAARC, G20, G-7 and etc. <p>+ Current Affairs (January - October 2023)</p>	<p>o NCERT Class IX and X : Democratic Politics I & II o NCERT Class XI: Indian Constitution at Work o NCERT Class XI : Political Theory o NCERT Class XII : Politics in India Since Independence</p>	<p>• Introduction to the Constitution of India: D. D. Basu · Our Political System: Subhash Kashyap · Our Parliament : Subhash Kashyap · 2nd ARC Report-15th</p>	<p>§ News Papers : The Hindu, The Indian Express § News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) § Magazines :Yojana, Kurukshetra, Economic & Political Weekly, § Websites : PIB www.pib.nic.in</p>
19	5 November,2023	Applied	Indian Governance	<ul style="list-style-type: none"> • Constitutional & Non Constitutional Bodies • Elections and Political Parties : Problems and Processes • Electoral Politics • Working of the Political System since Independence • Governance • Good Governance, e-Governance • Transparency & Accountability <ul style="list-style-type: none"> - RTI, Citizen's Charter & AntiCorruption - Civil Society, People participation - Reforms: Police Reform, Administrative Reform, Judicial Reform, Political Reform etc. • Social Audit • Public Policy: Making, Implementation, Evaluation and monitoring • Public Sector Management • Public-private partnerships (PPP) • Rights Issues- Forest Rights Act, Consumer Protection Act, etc. • + Current Affairs (January - November 2023) 	<p>Constitutional Bodies</p> <ul style="list-style-type: none"> • Election Commission • Union Public Service Commission (UPSC) • State Public Service Commission (SPSC) • Finance Commission • CAG • Attorney General of India • Advocate General of India • Special Officer for Linguistic Minorities • National Commission for Scheduled Castes (NCSC) • National Commission for Scheduled Tribes (NCST) • National Commission for Backward Castes (NCBC) <p>Non-Constitutional Bodies</p> <ul style="list-style-type: none"> • NITI Aayog • NHRC, Governing Council, SHRC, CIC, SIC, CVC, CBI, Lokpal, Lokayukta, NCPCR etc. <p>Other Constitutional Dimensions</p> <ul style="list-style-type: none"> • Provisions related to Language • Rights and Liabilities of the Government • National Commission to Review the Working of the Constitution • Co-operative Societies • Tribunals • Special Provisions for SCs, STs, BCs, Minorities & Anglo-Indians • Authoritative Text in Hindi Language • Anti-defection law <p>Elections and Political Parties</p> <ul style="list-style-type: none"> • Problems and Processes • Electoral Politics • Representation of People's Act • Working of the Political System since Independence <p>Governance</p> <ul style="list-style-type: none"> • Good Governance • e-Governance • Transparency & Accountability • RTI, Citizen's Charter & Anti-Corruption • Civil Society, People participation • Reforms: Police Reform, Administrative Reform, Judicial Reform, Political Reform etc. • Social Audit • Public Policy: Making, Implementation, Evaluation and monitoring • Public Sector Management, Regulatory framework Public-private partnerships (PPP) • Rights Issues etc. • Forest Rights Act, Consumer Protection Act, etc. • Current Affairs (January - November 2023) 	<p>o NCERT Class IX and X : Democratic Politics I & II o NCERT Class XI: Indian Constitution at Work o NCERT Class XI : Political Theory o NCERT Class XII : Politics in India Since Independence</p>	<p>• Introduction to the Constitution of India: D. D. Basu · Our Political System: Subhash Kashyap · Our Parliament : Subhash Kashyap · 2nd ARC Report-15th</p>	<p>§ News Papers : The Hindu, The Indian Express § News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) § Magazines :Yojana, Kurukshetra, Economic & Political Weekly, § Websites : PIB www.pib.nic.in</p>

20	12 November, 2023	Applied	World Geography	<p>Physical Geography of the World</p> <ul style="list-style-type: none"> • Origin and evolution of Universe • Geomorphology • Climatology • Oceanography • Biogeography • Natural Hazards and Disasters • Continents (Land, Climate, Resources etc.): Asia, Africa, North America, South America, Antarctica, Europe, and Australia <p>Economic and Human Geography - World</p> <ul style="list-style-type: none"> • Economic Geography of the world: Primary, Secondary, Tertiary, Quaternary and Quinary Activities • Human Geography of world • World Population, Distribution & Density, Races & Tribes, Settlement & Migration <p>+ Current Affairs (January - November 2023)</p>	<p>Physical Geography of the World</p> <ul style="list-style-type: none"> • Origin and evolution of Universe • Geological History of the Earth • Geological Time scale • Latitude and Longitude including important Parallels and Meridians • Motions of the Earth and their effects • Inclination of the Earth's Axis and its effects • Local and Standard Time and the International Date Line, Calendar <p>Solar system</p> <ul style="list-style-type: none"> • Eclipses - Solar, Lunar • Geomorphology - Interior structure of the earth, Earth's crust, Classification of rocks. • Landform Development - First order (continental drift theory, sea floor spreading, plate tectonics theory), Second order (Mountains, Plateaus, Plains & other landforms) • Internal forces & their impact - Volcanoes, Earthquakes, Folding, Faulting, Isostasy) • External forces & their impact - Weathering, Erosion & landforms thus developed • Climatology - Structure, Composition of atmosphere • Weather & Climate • Insolation, Heat Budget, Distribution of temperature, Temperature Inversion • Pressure and Pressure belts • Winds - Planetary, Seasonal and Local; Jet Streams • Precipitation-Forms & Types, Distribution of rainfall • Air Masses, Cyclones and anti-cyclones • World Climatic regions • Oceanography - Features, Ocean waves, currents, tides & Tsunamis, Temperature & Salinity distribution, marine resources • Biogeography • Biomes • Soils - Classification, distribution, erosion & Conservation • Continents - Major physical features and landforms • Map based questions from world (rivers, lakes, location, city, oceans etc.) <p>World Economic and Human Geography:</p> <ul style="list-style-type: none"> • Natural resources and mineral resources and distribution of key natural resources across the world • Agriculture and agro-climatic regions • Industry and location factors • Infrastructure • World Population, density & distribution, races & tribes, settlements & migration • Map Based Questions from World (Location of state, city, minerals, industries etc.) • + Current Affairs (January - November 2023) 	<ul style="list-style-type: none"> o NCERT Class VIII – Resources and Development o NCERT Class IX -Contemporary India I o NCERT Class X - Contemporary India II o NCERT Class XI - Fundamentals of Physical Geography o NCERT Class XI – India Physical Environment o NCERT Class XII -Fundamentals of Human Geography o NCERT Class XII - India People and Economy <p>o NIOS Senior Secondary Course: Geography</p>	<p>Introducing Physical Geography, 6th Edition By Alan H. Strahler (Wiley Publication) · Human Geography: People, Place, and Culture, 12th Edition By Erin H. Fouberg, Alexander B. Murphy (Wiley Publication) · Certificate Physical and Human Geography By Goh Cheng Leong (Oxford) · Orient Blackswan / Oxford Atlas · National/ International Report : Mineral Report of India 2021-22 By Ministry of Mines , Horticulture Statistics At a Glance 2018 By Ministry of Agriculture & Farmer's Welfare GOI , Statistical Yearbook World Food and Agriculture 2021 By Food and Agriculture Organization of United Nations, World Mineral Production 2016-20 By BGS (British Geological Survey),IFSR (India State of Forest Report) 2021 By Forest Survey of India, Annual Report 2021-22 By Depart of Animal Husbandry and Dairying (Ministry of Fisheries , Animal Husbandry and Dairying GOI),20th Livestock Census of India ,India & World Census Report, UNDP Report ,Agriculture Statistics at a Glance 2021 By Ministry of Agriculture and Farmer's Welfare GOI,</p>	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down To earth Magazine & Websites : PIB www.pib.nic.in & Other Websites : 1. Website of Ministry of Environment, Forest and Climate Change GOI- Report 2021-22, http://moef.gov.in 2. Ministry of Earth Sciences GOI – Reports 2021-22 https://www.moes.gov.in</p>
21	19 November, 2023	Applied	Geography of India	<p>Physical Geography of India</p> <ul style="list-style-type: none"> • Location • Indian Climate • Soils • Natural Vegetation, Plant and Animal Life <p>Economic and Human Geography - India</p> <ul style="list-style-type: none"> • Agriculture Typology and Major Crops Grown in India. • Agro-Climatic Regions • Land Reforms and Land use pattern • Animal Husbandry, Fisheries and Aquaculture • Water Resources- Availability and potential: Lakes, rivers, dams, power and irrigation projects, wetlands and interlinking of rivers. • Mineral Resources- classification and distribution • Energy Resources- conventional and non-conventional resources • Population and Growth trends - density, sex ratio, literacy, tribes and racial groups in India • Rural and Urban Settlements- types and patterns • Industries- types and their locational factors • Transport and Communication -railways, highways, inland water transport, shipping and seaports, air transport <p>+ Current Affairs (January - November 2023)</p>	<p>Physical Geography of India</p> <ul style="list-style-type: none"> • Location: Latitude, Longitude, Physiographic Division of India • Northern Mountains, Plains of India, Peninsular Plateau and Islands of India. • Drainage System • Himalayan Drainage System • Peninsular Drainage System • Other Small River System • Indian Climate • Spatial and temporal distribution of Temperature, Pressure • Winds and Rainfall • Indian Monsoon: mechanism, onset and variability • Rainfall Distribution • Climatic Regions of India • Soil • Classification of Soils • Problems of Soil and Conservation • Forests and their distribution, Forest Conservation • Map Based Questions from India (Location of state, city, river, lakes, important places including Ramsar sites, Biosphere Reserves, Wildlife Sanctuaries and National Parks) <p>Economic and Human Geography- India</p> <ul style="list-style-type: none"> • Agriculture typology and major Crops grown in India • Agro-Climatic Regions • Land Reforms and Land use pattern • Animal Husbandry, Fisheries and Aquaculture • Water Resources- Availability and potential: Lakes, rivers, dams, power and irrigation projects, wetlands and interlinking of rivers • Mineral Resources- classification and distribution • Energy Resources- conventional and non-conventional resources • Population and Growth trends - density, sex ratio, literacy, tribes and racial groups in India • Rural and Urban Settlements- types and patterns • Industries- types and their locational factors • Transport and Communication -railways, highways, inland water transport, shipping and seaports, air transport • Map Based Questions from India (Location of state, city, minerals, industries etc.)" • + Current Affairs (January - November 2023) 	<ul style="list-style-type: none"> o NCERT Class VIII – Resources and Development o NCERT Class IX -Contemporary India I o NCERT Class X - Contemporary India II o NCERT Class XI - Fundamentals of Physical Geography o NCERT Class XI – India Physical Environment o NCERT Class XII -Fundamentals of Human Geography o NCERT Class XII - India People and Economy <p>o NIOS Senior Secondary Course: Geography</p>	<p>Introducing Physical Geography, 6th Edition By Alan H. Strahler (Wiley Publication) · Human Geography: People, Place, and Culture, 12th Edition By Erin H. Fouberg, Alexander B. Murphy (Wiley Publication) · Certificate Physical and Human Geography By Goh Cheng Leong (Oxford) · Orient Blackswan / Oxford Atlas · National/ International Report : Mineral Report of India 2021-22 By Ministry of Mines , Horticulture Statistics At a Glance 2018 By Ministry of Agriculture & Farmer's Welfare GOI , Statistical Yearbook World Food and Agriculture 2021 By Food and Agriculture Organization of United Nations, World Mineral Production 2016-20 By BGS (British Geological Survey),IFSR (India State of Forest Report) 2021 By Forest Survey of India, Annual Report 2021-22 By Depart of Animal Husbandry and Dairying (Ministry of Fisheries , Animal Husbandry and Dairying GOI),20th Livestock Census of India ,India & World Census Report, UNDP Report ,Agriculture Statistics at a Glance 2021 By Ministry of Agriculture and Farmer's Welfare GOI,</p>	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, Down To earth Magazine & Websites : PIB www.pib.nic.in & Other Websites : 1. Website of Ministry of Environment, Forest and Climate Change GOI- Report 2021-22, http://moef.gov.in 2. Ministry of Earth Sciences GOI – Reports 2021-22 https://www.moes.gov.in</p>

22	26 November, 2023	Applied	Ancient India , Medieval India and Art & Culture of India	<p>Ancient India</p> <ul style="list-style-type: none"> • Prehistoric period • Harappan / Indus Valley Civilization • Vedic Age • Mahajanapadas • Religious Reforms • Mauryan Age & Post Mauryan Age • Sangam Age • Guptas Age & Post Guptas Age <p>Art & Culture</p> <ul style="list-style-type: none"> • Architecture and Sculptures • Religion and Philosophy • Indian paintings • Indian Music • Indian Dances • Indian Theatres • Indian cinema • Indian Language & Literature • Arts & Crafts • Science and Technology in Ancient India • Indo- Islamic Culture <p>Medieval India:</p> <ul style="list-style-type: none"> • Early Medieval Period • North India • South India • Sultanate Period • The Delhi Sultanate • Vijayanagar & other Kingdoms • Religious Movements • Bhakti Movement • Sufi Movement • Mughal Period • Maratha Confederacy <p>+ Current Affairs (January - December 2023)</p>	<p>Ancient India</p> <ul style="list-style-type: none"> • Prehistoric period • Harappan / Indus Valley Civilization • Vedic Age • Mahajanapadas • Religious Reforms • Mauryan Age & Post Mauryan Age • Sangam Age • Guptas Age & Post Guptas Age <p>(Brief History, Salient Features, Social, Economics, Religious and Cultural conditions of all the above)</p> <p>Art & Culture</p> <ul style="list-style-type: none"> • Architecture: Indus Valley Civilization, The Mauryan Architecture, The Sungas, Kushanas, Satavahanas & Guptas, The Temple Architecture, Indo-Islamic Architecture, Modern Architecture • Sculpture: Indian Sculpture and Different schools of Art • Indian Paintings: Historical development - Wall Paintings, Cave and Mural Paintings, Miniature Paintings, Mughal Paintings, Rajput Paintings, Folk Paintings, Other Paintings, Modern Indian Paintings & Personalities <p>Religion and Philosophy</p> <ul style="list-style-type: none"> • Religion: Hinduism, Jainism, Buddhism, Islam, Christianity, Zoroastrianism, Judaism • Philosophy: Six Schools of Philosophy, Ajivika, Lokayata etc. • Indian Music: Classical Music, Hindustani Music, Carnatic Music, Folk Music Tradition • Indian Dance: Classical Dance forms in India, Folk Dances, Modern Dance in India • Puppetry and Theatre: Different forms of Puppetry in India, Theatres in India: Folk Theatre, Modern Theatre, People Associated with Theatres, Indian Cinema and Circus • Language & Literature: Indian Language, Indian Literature • Fairs, Festivals and Craft: Religious Festivals, Secular Festivals (States & UT's), Art & Crafts • Science & Technology, Ancient, Science & Technology, Medieval Science & Technology, Famous Personalities in <p>Ancient and Medieval India</p> <ul style="list-style-type: none"> • Promotion and Preservation of Indian Heritage: Indian World Heritage Sites, Cultural Heritage Sites, Natural Heritage Sites, Important Institutions <p>Medieval India</p> <ul style="list-style-type: none"> • Early Medieval Period: North India and South India • Sultanate Period: The Delhi Sultanate, Vijayanagar & other Kingdoms, Religious Movements, Bhakti <p>Movement, Sufi Movement</p> <ul style="list-style-type: none"> • Mughal Period (Brief History, Salient Features, Social, Economics, Religious and Cultural conditions of all the above)" • Maratha Confederacy + Current Affairs (January - December, 2023) 	<ul style="list-style-type: none"> o Old NCERT: Ancient India o Old NCERT: Medieval India o NCERT Class IX & X : An Introduction to Indian Art I & II o Indian Culture & Heritage By NIOS Secondary Course 	<ul style="list-style-type: none"> • The Wonder That Was India : AL Basham 	<p>News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra & Websites : PIB www.pib.nic.in https://prsindia.org & Other Website: CCRT http://ccrtindia.gov.in http://ccrtindia.index.php Bharatiya Vidya Bhavan (Established By Dr.K. M.Munshi) www.bhavans.info Indian Culture http://indianculture.gov.in</p>
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23	3 December,2023	Applied	Modern India	<ul style="list-style-type: none"> • Fall of Mughals • Advent of Europeans • India under East India Company's Rule • Indian Kingdoms in 18th century: Marathas, Punjab, Mysore, Hyderabad etc. • Socio - Religious Reform Movements in the 19th and 20th CE India – Arya Samaj, Brahma Samaj, etc. • The Great Revolt of 1857 • Changes in Indian Administration after 1858 - GOI ACT 1858, Councils Act, 1861, 1892. • Growth of Political Ideas and Political Organizations (up to 1885) • Foundation of the Indian National Congress • National Movement (1885 - 1919) • Moderate Phase (1885-1905) • Partition of Bengal and the Swadeshi Movement • The First Phase of Revolutionary and Terrorist Movement • The Morley-Minto Reforms or the Indian Councils Act, 1909 • The Lucknow Pact (1916) • The Home Rule Movement • National Movement (1919 - 1939) • Montague-Chelmsford Reforms or the Government of India act, 1919 • The Khilafat Movement (1920-22) and Non-Cooperation Movement • The Left Movement • The Second Phase of Revolutionary and Terrorist Movement • Anti-Simon Commission Agitation (1928-29) • Nehru Report, 1928 • The Lahore Session, 1929 • The Civil Disobedience Movement • The Government of India Act, 1935 • Provincial Elections and Formation of popular Ministries in Provinces, 1937 • Freedom to Partition (1939 - 1947) • Other Dimensions • Miscellaneous: Reforms / Acts / Committee, Congress Sessions, Governor –General Viceroy etc. +Current Affairs (January- December 2023) 	<ul style="list-style-type: none"> • Fall of Mughals • Advent of Europeans • Coming of Europeans • Struggle among Europeans • Rise of East India Company • India under East India Company's Rule • Administration • Political Policies • Regulating Act of 1773 • Pitt's India Act 1784 • Charter acts of 1784, 1793, 1813,1833, 1853 • British Expansion policy: Doctrine of lapse, Subordinate alliance etc. • Economic Policies and their Impact • Agricultural Policies • Famine Policy • Foreign Policies • Social Policies •Education Policies • Religious Policies • Indian Kingdoms in 18th century: Marathas, Punjab, Mysore, Hyderabad etc. • Socio - Religious Reform Movements in the 19th and 20th CE India – Arya Samaj, Brahma Samaj, etc. • The Great Revolt of 1857 • Changes in Indian Administration after 1858 - GOI ACT 1858, Councils Act, 1861, 1892. • Growth of Political Ideas and Political Organizations (up to 1885) • Foundation of the Indian National Congress • National Movement (1885 - 1919) • Moderate Phase (1885-1905) • Partition of Bengal and the Swadeshi Movement • The First Phase of Revolutionary and Terrorist Movement • The Morley-Minto Reforms or the Indian Councils Act, 1909 • The Lucknow Pact (1916) • The Home Rule Movement • National Movement (1919 - 1939) • Montague-Chelmsford Reforms or the Government of India act, 1919 • The Khilafat Movement (1920-22) and Non-Cooperation Movement • The Left Movement • The Second Phase of Revolutionary and Terrorist Movement • Anti-Simon Commission Agitation (1928-29) • Nehru Report, 1928 • The Lahore Session, 1929 • The Civil Disobedience Movement • The Government of India Act, 1935 • Provincial Elections and Formation of popular Ministries in Provinces, 1937 • Freedom to Partition (1939 - 1947) • The Second World War and the National Movement • The August Offer 1940 • The Individual Satyagraha 1940-41 • The Cripps Proposal, 1942 • The Quit India Movement, 1942 • Subhash Bose and Indian National Army • Rajagopalachari Formula & Desai Liaqat Plan • Wavell Plan and Simla Conference 1945 • General Elections in India, 1945 • Naval Mutiny: 1946 • The Indian Independence Act, 1947 • Other Dimensions • Tribal Movements • Peasants Movement • Dalit Movements • Women movement • Role of Press and Publications • Role of Business groups • Miscellaneous: Reforms / Acts / Committee, Congress Sessions, Governor –General Viceroy etc. • + Current Affairs (January- December 2023) 	Old NCERT: Modern India by Bipin Chandra o NCERT Class XI : Themes in Indian History I,II & III o NCERT Class IX & X : Contemporary India I & II o NCERT Class IX & X : India & the Contemporary World I & II o History By NIOS Senior Secondary Course	India's Struggle for Independence : Bipin Chandra · India's Struggle for Independence : Bipin Chandra · From Plassey to Partition: Shekhar Bandyopadhyay · History of Modern India : Bipin Chandra · Indian After Independence : Bipin Chandra	News Papers : The Hindu, The Indian Express \$ News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) \$ Magazines :Yojana, Kurukshetra \$ Websites : PIB www.pib.nic.in https://prsindia.org \$ Other Website: CCRT http://ccrtindia.gov.in http://ccrtindia.index.php Bharatiya Vidya Bhavan (Established By Dr.K. M.Munshi) www.bhavans.info Indian Culture http://indianculture.gov.in
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24	10 December, 2023	Applied	Latest Development in Science & Technology	<ul style="list-style-type: none"> • S&T in India • Earth Sciences • Energy • Nuclear Science • Lasers • Superconductivity • Nanotechnology • Astronomy and Space Research • Defence Research and Technology • Health and Medicine • Genetics • Applications of S&T • + Current Affairs (January- December 2023) 	<ul style="list-style-type: none"> • S&T in India • Historical Perspective • Science and Planning • S&T Policies in Independent India • S&T Infrastructure in India • Department of Science and Technology • Earth Sciences • Weather Forecasting and Climate Research in India • Seismology Research • Ocean Development • Natural Disasters • Energy • Types of Energy Resources • Fossil Fuels • Renewable Sources and their Development in India • Nuclear Science • Radioactivity • Radioisotopes • Nuclear Power • Applications of Nuclear S&T • Safety Issues • Nuclear Weapons • India's Nuclear Science Programme • Particle Physics • Information Technology • Electronics • Computers • The Internet • Computer Security • Telecommunication • India and Info-Tech • Artificial Intelligence • Robots and Robotics • Fibre Optics • Computer- and IT-Related Terms and Products • Lasers • Principles and Types • Applications • Basic Science • Industry • Defence • Nuclear Energy • Health and Medical Care • Laser Technology in India • Superconductivity • Introduction of Superconductivity • Uses and Applications • Research in India • Nanotechnology • Understanding Nanotechnology • Approaches in Nanotechnology • Applications • Implications and Various Concerns • Nanotechnology in India • Nano Mission • Astronomy and Space Research • Astronomy and its Importance • The Origin and Development of the Universe • Accelerating Expansion of the Universe • The Objects in the Universe • Observing the Universe • Space Exploration • Elements of Space Research and Technology • Major Space Probes • India's Space Programme • India's Space Ventures • Space Applications • Milestones in India's Space Ventures • Space-Industry Partnership in India • Export Promotion • International Cooperation in Space • Space Garbage and Dealing with it. • Defence Research and Technology • Weapon Innovations of Note • Defence R&D in India • Health and Medicine • Disease-Causing Agents • Infectious Diseases • Non-Infectious or Degenerative Diseases • Deficiency Diseases • Allergies • Cancer • Recent Lifestyle Concerns • Health Policies and Programmes in India • Indian Systems of Medicine and Homoeopathy • Genetics • Introduction of Genetics • Physical Basis of Heredity • Chemical Basis of Heredity • Gene Mapping • Genome Analysis and Human Genetics • Biotechnology • Introduction of Biotechnology • Biotechnology Techniques • Genetic Engineering • DNA Fingerprinting • Cloning • Artificial Insemination and Embryo • Stem Cell Technology • Applications of Biotechnology • Biotech Research in India • Patents and Biotechnology • Applications of S&T • Agriculture and Rural Development • Basic Resources of Agriculture • Environment-Friendly Agriculture • Sustainable Agriculture • S&T Advancements in Agricultural Produce in India • Genetically Modified Crops: Biosafety and Regulation • Animal Husbandry • Agriculture in Special Areas • Climate-Smart Agriculture • Research, Education, Transfer of Technology in India • S&T and Rural Development in India • Industry • Major R&D Infrastructure in India • Contribution of CSIR • Intellectual Property Rights Comments on the National IPR Policy • + Current Affairs (January- December 2023) 	NCERT Class VIII- X: Science • NCERT Class XI-XII: Physics, Chemistry & Biology (Read Chapters according to the Syllabus) • NIOS Senior Secondary Course : Biology ,Chemistry & Physics Biology (Read Chapters according to the Syllabus) • NIOS Secondary Course : Science Biology (Read Chapters according to the Syllabus	Websites like ISRO, DST, DRDO, DAE • Indian Economy By Uma Kapila • Indian Economy By Dutt and Sundaram • Indian Economy By Mishra & Puri • Indian Economy (Special Issue) - Pratiyogita Darpan • Economic Survey & Budget of Govt. of India (Current Year) • India Year Book (Current Year)	News Papers : The Hindu, The Indian Express & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Down to Earth Magazine, Science Reporter Magazine & Websites : PIB www.pib.nic.in & News Papers : The Hindu, The Indian Express, The Economic Times, Business Standard & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, & Websites : PIB www.pib.nic.in & Other Websites: www.ipindia.nic.in www.copyright.gov.in & Official Websites of WTO, IMF, WIPO etc. & Websites like Ministry of Finance of India & Websites of Regulatory Bodies like RBI, SEBI etc
25	17 December, 2023	Applied	Indian Economy	<ul style="list-style-type: none"> • National Income Accounting • Money and Banking • Inflation and Employment • Capital Market • Government budgeting and Fiscal Policy • External Sector and Currency Exchange Rate • International Trade and Bodies • Agriculture • Infrastructure • Industrial Sector • Current Indian Budget & Economic Survey • Economic Reforms till now + Current Affairs with 2025 Edition India Yearbook (January - September 2023) 	<p>National Income Accounting:</p> <ul style="list-style-type: none"> • Definition • Concepts: GDP, GNP, Market Price and Factor Cost, NNP, NDP, transfer payments, National income at FC, Personal Income, disposable income, factors affecting national income, net foreign factor income • Measurement of national income: value added method, income method, expenditure method, Application of various methods, Base year, GDP deflator • Debates around GDP and other indices <p>Money and Banking</p> <ul style="list-style-type: none"> • Money: Definition, Functions and significance, Evolution of Money, Money supply in India and factors affecting it • Banking: Need of banks, Function, Commercial Banks <ul style="list-style-type: none"> - Central Bank: Importance, functions, Structure, Policy tools, Monetary Policy (CRR, SLR, OMO, Repo and Rev Repo, MSF etc.) - Banking Reforms • Inflation and Employment • Inflation: Definition, Inflationary Gap and Inflationary Process, Inflation Cycles: Demand Pull Inflation, Cost Push Inflation, Causes of Inflation, Inflation Control measures • Unemployment: Types of Unemployment: Structural, Seasonal, Frictional, Cyclical, Nature of Unemployment in India <p>Government budgeting and Fiscal Policy</p> <ul style="list-style-type: none"> • Budgeting: Evolution of Budgeting, Institutions and Laws, The Union Budget: Components - Revenue Account, Capital Account, Measures of Government Deficit etc., Weaknesses in the Budgetary Process • Fiscal Policy: Public Finance - Role and Importance, Public Expenditure - Revenue and Capital, Development and Non-Development, Public Revenue - Sources of Revenue, Taxes: Classification, Direct and Indirect, Specific and Ad Valorem, Social and Economic Objectives of Taxes, Objectives of Taxation, GST, d.) Public Debt, Deficit Financing <p>Capital Markets</p> <ul style="list-style-type: none"> • Basic Terms and Concepts, Equity and debt Instruments, Primary market and Secondary markets etc. 	• NCERT Class XII : Introductory Macroeconomics • NCERT Class XII : Introductory Microeconomics • NCERT Class XI: Indian Economic Development • NCERT Class X: Understanding Economic Development • NCERT Class IX : Economics	• Indian Economy By Uma Kapila • Indian Economy By Dutt and Sundaram • Indian Economy By Mishra & Puri • Indian Economy (Special Issue) - Pratiyogita Darpan • Economic Survey & Budget of Govt. of India (Current Year) • India Year Book (Current Year)	• News Papers : The Hindu, The Indian Express, The Economic Times, Business Standard & News Channels : Lok Sabha (LSTV) , Rajya Sabha (RSTV) & Magazines :Yojana, Kurukshetra, Economic & Political Weekly, & Websites : PIB www.pib.nic.in & Other Websites: www.ipindia.nic.in www.copyright.gov.in & Official Websites of WTO, IMF, WIPO etc. & Websites like Ministry of Finance of India & Websites of Regulatory Bodies like RBI, SEBI etc

				<p>External Sector and Currency Exchange Rate</p> <ul style="list-style-type: none"> Balance of Payments: Definition, Current and Capital Accounts, Convertibility FDI, FII -- issues, challenges etc. Foreign Trade of India Trade Policy Product wise trade Region wise trade Subsidy boxes WTO related issues and India Intellectual Property Rights <p>International Trade and Bodies:</p> <ul style="list-style-type: none"> IMF: Purpose and Objectives, Organization and Functions, Working and Evaluation, IMF and Underdeveloped Countries, SDR's, Reforms etc., World Bank Bilateral and Regional Cooperation <p>Agriculture:</p> <ul style="list-style-type: none"> Recent trends in Agriculture Sector Cropping System and Pattern. Agricultural Marketing and Reforms Agricultural Research. Sustainable Agriculture. Animal Husbandry PDS Farm distress and government initiatives <p>Industrial Sector</p> <ul style="list-style-type: none"> Industrial Policies Licensing MSME Labour Reforms Companies Act Make in India, Skill India Challenges in Industrial development Organized and unorganized sector PPP Investment models <p>Economic Reforms till now</p> <ul style="list-style-type: none"> Government policies Five-year Plans: Priorities and Performance, Issues related to planning. Economic Policies till 1991 Economic Reforms since 1991: End of license Raj, Liberalization, Privatization and Globalization Niti Aayog & its Planning <p>Infrastructure:</p> <ul style="list-style-type: none"> IT, Communication, Urbanization, Transport, Mining, etc. Current Indian Budget & Economic Survey + Current Affairs with 2025 Edition India Yearbook. (January - September 2023) 			
26	24 December, 2023	Applied	Indian Economy				
27	31 December, 2023	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
28	7 January, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
29	14 January, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
30	28 January, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
31	4 February, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
32	18 February, 2024	Applied	Indian Economy (Including with Economy Survey of India : 2023-24, Indian Budget : 2024-25 & India Yearbook 2025 Edition)	<ul style="list-style-type: none"> Economic Survey 2023-24 Budget 2024-25 Current Published India Yearbook (2025 Edition) + Current Affairs 	<p>Primary (Essential) References</p> <ul style="list-style-type: none"> Economic Survey 2023-24 Budget 2024-25 Current Published India Yearbook (2025 Edition) 	<ul style="list-style-type: none"> The Hindu: Business Line, Indian Express Magazines like Yojana & Kurukshetra PIB : www.pib.nic.in TOI, Livemint, etc. Magazines like Economic & Political Weekly, Frontline, India Today, etc. 	
33	25 February, 2024	Applied	Indian Economy (Including with Economy Survey of India : 2022-23, Indian Budget : 2023-24 & India Yearbook 2025 Edition)	<ul style="list-style-type: none"> Economic Survey 2023-24 Budget 2024-25 Current Published India Yearbook (2025 Edition) + Current Affairs 	<p>Primary (Essential) References</p> <ul style="list-style-type: none"> Economic Survey 2023-24 Budget 2024-25 Current Published India Yearbook (2025 Edition) 	<ul style="list-style-type: none"> The Hindu: Business Line, Indian Express Magazines like Yojana & Kurukshetra PIB : www.pib.nic.in TOI, Livemint, etc. Magazines like Economic & Political Weekly, Frontline, India Today, etc. 	
34	3 March, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				
35	17 March, 2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs				

36	24 March,2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs
37	31 March,2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs
38	5 April,2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs
39	19 April,2024	Comprehensive /FLT (Full Length Test)	FULL LENGTH TEST (COMPLETE SYLLABUS): Indian Constitution, Political System and Governance + Geography + History of India + Indian Economy & Social Development + Ecology & Environment + General Science and Latest Development in Science & Technology + Current Affairs