

GEOGRAPHY SECTIONALTESTS BROCHURE





Join the ranks of our toppers who turned Economy into their strength using this package.

APTIPLUS GEOGRAPHY SECTIONAL TESTS PACKAGE

Master Geography for UPSC Prelims 2026 with Precision, Concept and Confidence

Why This Geography Test Series Matters

Geography is one of the **most scoring yet tricky** subjects in the UPSC Prelims. Questions are no longer purely factual—they demand **deep understanding**, **map awareness**and **application of concepts** to current affairs.

The **GEO Sectional Tests Package** from **APTI PLUS** is **strategically designed** to address these demands. It empowers aspirants to build clarity, link static and dynamic topicsand tackle questions with confidence in the exam hall.

Salient Features:

Exhaustive coverage of Physical, Indian and World Geography.

Integrated approach covering **static concepts + dynamic linkages** (climate, disasters, locations in news, etc.).

Based on NCERTs (6-12), GC Leong, Oxford Atlas and Current Affairs.

Includes PYQ-based test modeling and trend-mapped question framing.

Focus on map-based and location identification questions increasingly asked by UPSC.

Detailed solutions with elimination tips and conceptual clarification.

Test Plan at a Glance:

Test Type	Number of Tests
Standard Book-Based Concept Tests	2
Thematic Test based on maps	1
PYQs Test	1
Full-Length Geography Simulator Tests	2

Bonus:

Free access to monthly current affairs magazine'The IAS Gazette'

Microlisting of Syllabus:

Microlisting of Syllabus:	
UNIVERSE	
	Theories of the Development of the Universe.
	• Galaxy
	Star formation
	Planet Formation
	Solar system
	• Moon
	• Asteroid
	• Meteor
	Kuiper belt
	• Comets
	Dwarf Planets
Earth Evolution	Geological History of Earth
	Evolution of the Earth-Layered Structure
	 Evolution of Lithosphere



	 Evolution of Atmosphere Evolution of Hydrosphere Latitude and Longitude including important Parallels and Meridians Motions of the Earth - Rotation, Revolution, and their effects Inclination of the Earth's Axis and its effects Time Zones, Local and Standard Time and the International Date Line, Calendar Eclipses - Solar, Lunar Earth's magnetic field Earth's Geological time scale. Origin of Life.
GEOMORPHOLOGY	
Earth's Interior	 Interior of the Earth Crust Mantle Core Sources of Information Direct Indirect - Earth Quake Waves Volcanoes Theories Suess Theory
Geology and Rock	Minerals
System	 Major Elements of the Earth's Crust Minerals - Feldspar, Quartz, Pyroxene Amphibole, Mica, Olivine Physical Characteristics-Crystal Form, Cleavage Fracture, Lusture, Color, Streak Transparency, Structure, Hardness, Specific Gravity Metallic minerals - precious Ferrous, Non Ferrous Non-metallic Minerals - Sulphur, Phosphates, Cement Rocks (Aggregate of Minerals) Petrology Rocks & landforms Rocks & Soils 3 Family of Rocks Igneous Sedimentary Metamorphic
Geomorphic Processes	 Earth's Surface Exogenic Forces Endogenic Forces Gradation , Degradation & Agradation Endogenic Forces Diastrophism Orogenic Epierogenic Earthquakes Plate movements Volcanism Exogenic Forces Denudation Processes Weathering



	Mass movementsErosion Transportation & Deposition
Earthquakes and Volcanism	 Earthquakes Waves: P, S, Body, Surface, Shadow Zone Types of Earthquakes Effects Frequency Locating an Epicentre
	 Volcanism Types ✓ Shield ✓ Composite ✓ Caldera ✓ Flood Basalt ✓ Mid Ocean Ridge
	 Landforms (intrusive) Batholiths Lacoliths Lopoliths Phacoliths Sills Dykes
Distribution of Continents & Oceans	 Theories Continental Drift Theory Alfred Wegner Pangea, Panthalasa Laurasia, Gondwanaland Evidence in support of Continental Drift Theory Jigsaw Fit Rocks of Same age across oceans Tillite Placer Deposits
	 Distribution of Fossils Isostacy Sea Floor Spreading Forces of Drifting Pole Fleeing Force Tidal Force Post Drift Studies Convectional Current Theory Mapping of the Ocean Floor Plate Tectonics Lithospheric Plates - Major Plate - Minor Plates Plate Boundaries - Divergent - Convergent - Transform
Landforms and their	 Plate Boundaries - Divergent - Convergent - Transform Rates of Plate Movements Force of plate movement Indian Plate Causes



evolution

- Geomorphic Processes
- o Geomorphic Agents
- Geomorphic Agent
 - Erosional or Destruction
 - Depositional or Constructional
- Agents and their Impacts Wind, Running Water, Ground Water, Glaciers, Waves & Currents
- Winds
 - o As agents in Hot deserts
 - Cause Deflation Abrasion Impact
 - o Erosional landforms
 - ✓ Pediments and Pediplains
 - ✓ Playas
 - ✓ Deflation Hollows and Caves
 - ✓ Mushroom, Table & Pedestal Rocks
- Depositional Landforms
- Barchans
- Seif
- Parabolic
- Transverse
- Longitudinal
- Running Water
- Erosional Landforms
 - ✓ Valleys
- * Rills
- Gullies
- Valleys V Shape , Gorge (Hard Rocks), Canyon (Sedimentary)
 - Potholes & Plunge pools
 - o Incised or entrenched meanders
 - River Terraces paired & unpaired
- Depositional Landforms
 - o Alluvial Fans
 - o Delta
 - Flood plains, Natural Levees, Point Bars
 - Meansders, Slip off bank, Under cut bank
 - Oxbow lake
 - Braided Channels
- Ground Water (Karst Topography)
 - Permeable Rocks
 - ✓ Percolation
 - ✓ Bedding Plains
- Limestone and Dolomite Regions
- Erosional Landforms
 - Pools Swallow Hole, Valley Sinks (Uvalas), Sinkholes, Collapse sinks (Dolines), Lapies, Ridges, Limestone Pavements
 - Caves Altering bed of Rocks (Shale sandstone quartzit, Caves and Tunnels
- Depositional landforms
 - Stalactites
 - Stalagmites
 - Pillar Columns



- Glaciers
 - o Erosional Landforms
 - ✓ Cirque of Tarn Lakes
 - ✓ Hors and Serrated Regions Arete
 - ✓ Glacial Valleys / Troughs Fiords
- Depositional Landforms
 - o Glacial Tills
 - Moraines
 - Eskers
 - o Outwash Planes
 - o Drumlins
- Waves and Currents
- High Rocky Coasts & Low Sedimentary Coasts
 - o Erosional Landforms
 - ✓ Cliffs
 - ✓ Terraces
 - ✓ Caves
 - ✓ Stacks
- Depositional Landforms
 - Beaches and Dunes
 - o Bars, Barriers, Spits
- Weathering
 - Factors
 - √ Geological
 - ✓ Climatic
 - ✓ Topograhic
 - √ Vegetative
- Major Processes
 - o Chemical
 - Physical or Mechanical
 - Biological
- Chemical Forces Chemical Action
 - Solution
 - Carbonation
 - Hydration
 - Oxidation & Reduction
- Physical Forces Gravitational, Expansion, Water Pressure
 - Unloading & Expansion
 - o Temperature changes and Expansion
 - o Freezing, Thawing, & Frost Wedging
 - Salt Weathering
- Biological Weathering
 - Burrowing
 - Wedging
 - Plant Roots
- Effects of Weathering
 - o Exfoliation (Flakin) Exfoliation Domes
- Significance of Weathering
 - Soil Formation
 - Biomes and Biodiversity
 - Leaching / Enrichment



	 Mass Movements
	Activating causes
	E (II El Cl. 1
	 Landforms across the world
	o Rivers and lakes (Factual)
	o Mountain and Peaks (Factual)
	。 Plateaus (Factual)
OCEANOGRAPHY	
	TT 1 1
	• Hydrosphere
	 Water on the Surface of the Earth
	 Hydrological Cycle
	• Component
	• Processes
	Submarine Relief Features
	o Oceans
	Relief of the Ocean floor
	 Divisions of the ocean floor
	Continental Shelf
	Continental Slope
	Deep sea plain
	Oceanic deep and Trenches
	Mr. 1. CC .
	Mid oceanic ridges
	 Seamount
	 Submarine canyons
	 Guyouts
	o Volcanic Islands
	For alloward Zamana
	Hotspots
	o Coral Islands
	o Atoll
	Temperature and Salinity
	o Temperature of the Ocean Water
	• Vertical
	• Spatial
	Fastana (Castina Tanananatona Jistotlantian
	Turke, Ju
	Unequal distribution of land & Water
	Prevailing wind
	Ocean Currents
	Horizontal & Vertical Distribution
	Salinity of the Ocean Water
	 Factors affecting salinity
	The second of th
	Fresh water flow from rivers
	Ocean currents
	Horizontals distribution of salinity
	Vertical Distribution of salinity
	 Density of Ocean Waters
	Waves, Ocean Currents, Tides



- Movements of ocean Water
- Factors influencing Movement
- Temperature
- Salinity
- Density
 - Motion Horizontal and Vertical Currents
 - Waves
- Motion of waves and water molecules
- Characteristics of wave
- Crest and Trough
- Height
- Amplitude
- Period
- Length
- Speed
- Frequency
 - o Tides
- Relation between Gravitational Forces and Tides
- Tidal currents
- Types of Tides
- Based on Frequency Semi Diurnal, Diurnal, mixed
- Based on SME position spring and Neap Tides
- Importance of Tides
 - Ocean Currents
- Primary Force that initiates the movement
- Heating of solar energy
- Wind
- Gravity
- Coriolis force
- Secondary force that influence the currents to flow
- Types of ocean currents:
- Surface currents & Deep water currents based on Depth
- Cold and Warm Currents based on Temperature
- Major Ocean currents of the World
- Effects of Ocean Currents
- Marine Resources
 - Underground water resource
 - Surface water resources
 - o Inland water resources: Utilization of inland water resources
 - o Oceanic Water Resources (Marine Resource)
 - Utilization of oceans by man
 - Water consumption patterns
 - Conservation of Water Resources
 - Techniques of Water Conservation
- Ocean Deposits and Corals
 - Terrigenous Deposits
 - Volcanic Deposits
 - o Biotic deposits
- Neritic
- Pelagic (Calcereous, Siliceous)
 - Abiotic Deposits



	o Coral Reefs
	o Great Barrier Reef
CLIMATOLOGY	
	Atmosphere
	Composition
	Gases
	Water Vapour
	 Dust Particles
	 Structure
	 Exosphere
	o Thermosphere
	Mesosphere
	 Stratosphere
	o Troposphere
	Altitude vs. Temperature
	Inversion of Temperature
	o Temperature
	 Factors controlling Temp distribution
	 Distribution of Temp Month of January-July
	。 Range of Temp Month of January-July
	 Inversion of Temperature
	Insolation and Heat Budget
	 Solar Radiation Heat Balance Temperature Insolation
	 Aphelion and Perihelion
	 Variability of Insolation at the surface of the Earth
	Day Season Year
	Rotation on Axis, Angle of Inclination of sun rays, Length of the day
	Transparency of Atmosphere, configuration of land in terms of its aspect.
	Heat Balance Heating and analing of almost them.
	Heating and cooling of atmosphere Conduction
	ConductionConvection
	A desertion
	T CAR P. C.
	 Terrestrial Radiation Heat Budget of the Planet Earth
	Macro Budget
	Albedo
	Shortwave Radiation
	Long wave Earth Radiation
	 Variation in the net Heat Budget at the Earth's Surface
	Winds and Pressure belts
	Atmospheric Circulation and Weather Systems
	Atmospheric Pressure
	o Vertical variation of pressure
	 Horizontal distribution of pressure
	 World Distribution of Sea Level Pressure
	 Factors affecting the velocity and direction of the Wind
	 Pressure Gradient Force
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- Frictional Force
- Coriolis Force
- o Pressure and Wind (Cyclonic & Anticyclone Circulation)
- General Circulation of the Atmosphere Pattern of Planetary Winds
- Latitudinal Variation of Atmospheric Heating
- Emergence of Pressure Belts
- Migration of Belts Following apparent Path of Sun
- Distribution of continents & Oceans
- Rotation of the Earth
- Circulation
- o Simplified Global Circulation Hadley Cell, Ferrel Cell
- o Seasonal Wind
- Local Wind
- Land and Sea Breezes
- Mountain and Valley Winds
- Air Mass, Fronts, Cyclones and Jet Stream
 - o Air mass & fronts
 - Cyclones
 - Thunderstorms
 - Tornadoes
 - Monsoons
 - Fronts
- Precipitation
 - Water in the Atmosphere
 - o Water Vapour
 - Precipitation
 - Humidity Absolute and Relative
 - Saturation Dew Point
 - Evaporation and Condensation
 - o Dew
 - Frost
 - Fog & Mist
 - o Clouds
- Types Cirrus, Cumulus, Stratus, Nimbus
- High Cirrus, Cirrostratus, Cirrocumulus
- Middle Altostratus, Altocumulus
- Low Stratocumulus, Nimbostratus
 - Vertical Development Cumulus and Cumulonimbus
 - Precipitation
 - Rainfall, Snowfall, Sleet Hail, Hailstones
 - Types of Rainfall
 - Conventional
 - Orographic
 - Cyclonic
 - World Distribution of Rainfall
- Climatic Zones of the World
 - Koppene's Classification Climatic Zones
 - World Climate
 - o The Hot, Wet Equatorial Climate
 - The Tropical Monsoon and Tropical Marine Climates
 - The Savanna or Sudan Climate



	 The Hot Desert and Mid-Latitude Desert Climates The Warm Temperate Western Margin (Mediterranean) Climate The Temperate Continental (Steppe Climate) The Warm Temperate Eastern Margin (China Type Climate) The Cool Temperate Western Margin (British Type Climate) The Cool Temperate Continental (Siberian) Climate The Cool Temperate Eastern Margin (Lauren-tian) Climate The Arctic or Polar Climate
	The Arctic or Polar Climate
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BIO-GEOGRAPHY	
	 Soil Characteristics Soil Characteristics Factors Responsible for Soil Formation Stages of Soil Formation Soil Forming Processes Soil Profiles and Horizons Soil Classification Soil Erosion and Conservation Vegetation resources Types of natural vegetation Forests Significance of forests Economic significance, Ecological significance Cultural significance Factors of forest development Extent of forest cover Classification of forests Grasslands Desert vegetation Tundra Vegetation Economic utilization of forests Deforestation in tropical forests Deforestation in temperate forests Rate and extent of deforestation: Immediate causes of deforestation Indirect deforestation Underlying causes of deforestation Conservation of forests Forest conservation strategies Reforestation Monoculture plantation Afforestation Types of forestry Social forestry Agro-forestry



HUMAN AND ECONOMIC GEOGRAPHY OF THE WORLD

- Demography and Census
 - Concept of human resources
 - Factors affecting the distribution of Population
- Geographical Factors
- Availability of water
- Landforms
- Climate
- Soils
- Economic Factors
- Minerals
- Urbanisation
- Industrialisation
- Socio-cultural factors
- Population Growth
- Growth of Population
- Growth Rate of Population
- Natural growth of Population
- Positive Growth of Population
- Negative Growth of Population
 - o Components of Population change
- Crude Birth Rate
- Crude Death Rate
- Migration Place of Origin and Place of Destination
- Immigration
- Emigration
- Push Factors and Pull Factors
 - o Trends in Population Growth
 - Doubling time of world population
 - Spatial pattern of Population change
 - Impact of Population Change
 - o Demographic Transition
- Demographic Transition Theory
- Demographic Cycle
 - Theories of population growth
- Malthusian theory
- Marxian theory
- Demographic Transition Theory
- Optimum population
- Over-population
- Under-population
 - Population Control Measures
 - o World population distribution, Density and Growth
- Continent-wide distribution of population
- Pattern of population density globally
- · Population increase in the world
 - **Population Composition**
- Sex composition
- Sex Ratio
- Natural Advantage vs Social Advantage
- Age Structure



- Age sex Pyramid
- Expanding Populations
- Constant Population
- Declining Popoulation
- Literacy literacy Rate
- Rural Urban Composition
- Occupational Structure
- Religion based Composition
 - o Population problems
- Population problems of developing countries
- · Population problems of developed countries
- · Population Policies: of China, of India
 - o Census 2011
- Census Terminologies
- Census of India important information
- Human Development
 - Growth vs Development
 - o The four pillars of Development
- Equity
- Sustainability
- Productivity
- Empowerment
 - Approaches to Human Development
 - Measuring Human Development
- Income Approach
- Welfare Approach
- Basic Needs Approach
- Capability **Approach**
 - o Internation Comparisions of Human Development
- Economic Activities
 - Primary Activities
- · Hunting and Gathering Pastoralism
- Nomadic Herding
- Commercial livestock Rearing
- Agriculture
- Subsistence Agriculture
- Primitive Subsistence Agriculture
- Intensive Subsistence Agriculture
- Planation Agriculture
- Extensive Commercial Grain Cultivation
- Mixed Farming
- Dairy Farming
- Mediterranean Agriculture
- Viticulture
- Market Gardening and Horticulture Truck Farming
- Cooperative Farming
- Collective Farming
- Mining
- Factors affecting Mining
- Methods of Mining Open Cast and underground mining
- Secondary Activities



- Manufacturing
- Characteristics of Modern large scale Manufacturing
- Specialisation of Skills/ methods of Production, Mechanisation Technological Innovation
- Access to market, Access to labour Supply, Access to Sources of Energy, Access to Transportaion and communication Facilities
- Government Policy
 - Classification of Manufacturing Industries
- · Industries based on size
- Small Scale manufacturing
- Large Scale manufacturing
- Industries based on Inputs/Raw Materials
- · Agro Based industries
- Mineral Based Industries
- Chemical based Industries
- Forest based Raw material using industries
- Animal Based industries
- Industries based on Output/Product
- Industries based on ownership
 - Tertiary, Quaternary and Quinary Activities
- Types of Tertiary Activities
- Retail trading
- Trade and commerce
- Wholesale Trading
- Transport

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- Communication
- Services
- People engaged in tertiary Activities
- Tourism
- Medical Services
- Quaternary Activities
- Quinary Activities
- Concept of Digital Divide
- Transport and Communication
 - o Transport
- Modes of Transportation
- Land Transport
- Roads
- Railways
- Water Transport
- Sea Routes
- Inland Waterways
- Air Transport
- Pipelines
 - Communications
- Satellite communication
- Cyber space internet
- International Trade
 - History of international Trade
 - Basis of International Trade
- Difference in national resources



- Population Factors
- Stage of Economic Development
- Extent of Foreign Investment
- Transport
 - Important aspects of International Trade
- Volume of Trade
- Composition of Trade
- Direction of Trade
- Balance of Trade
 - Types of International Trade
 - Case of Free Trade
 - **o** WTO World Trade Organisation and Regional Trade Blocs
 - Gateways of International Trade
- Ports
- Industrial Ports
- Commercial Ports
- Comprehensive Ports
- Inland Ports
- Out Ports
- Oil Ports
- Port of call
- · Packet station
- Entrepot Ports
- Naval Ports
- Settlement
 - Types and Patterns of settlements
- Compact of Nucleated Settlements
- Dispersed settlement
 - Rural Settlements
- Factors affecting location of rural settlements
- Patterns of Rural settlements
 - Urban Settlements
- Classification of Urban Settlements
- Factors affecting location of rural settlements
- Functions of Urban Centre
- Classification of Towns on the basis of Forms
- Types of Urban Settlements
- Town, City, Conurbation, Megalopolis, Million City
 - o Issues of Urbanization in India
 - o Rural Urban Migration
 - Emergence of Slums
 - Inclusive Cities/Smart cities

INDIAN GEOGRAPHY

- Physiography of India
 - o Geological Region
 - Location
 - Physiographic Sub-Units
- Himalayans
- Northern Plains



- Peninsular Plateau
- Thar Desert
- · Coastal Plain
- The Islands
 - o Mountain System
- Classification of The Himalayan System
- Regional Division of the Himalaya
 - o The Peninsular Peninsular Plateaus
 - o Plains Northern Plains of India
 - Lakes
 - Deserts
 - Indian Coasts and Islands
- Drainage System
 - Classification of Drainage
 - o Himalayan Drainage
 - o Indus river system
 - o Indus drainage system
 - o Ganga River System
 - o Brahmaputra river system
 - o Peninsular River System
 - **o** East flowing Rivers
 - West flowing Rivers
 - Mains Rivers and their tributaries
 - Famous cities and river banks
- Climate
 - Factors influencing the climate of India
 - Monsoon
 - Mechanism of the Monsoon
- Classical Theory
- Modern theory
- Air mass theory
- Jet stream theory
 - **o** EL NINO and LA NINA
 - Seasonal rhythm
 - o Koppen's Climatic classification
 - o Indian Droughts and Floods
- · Soils in India
 - Soil Acidity
 - Soil textures
 - o Minerals of Soil
 - Soil Erosion
 - Soil Conservation
- Natural Vegetation
 - o Vegetation
 - Mangroves
 - o Distribution of Forest Area
 - o Forest Problems in India
- Population
 - Size, growth rate and distribution of population
 - o India in World Population
 - o Demographic transition



- o Census in India
- o Ranking of States and Union
- Territories by population: 2001 & 2011
- o Population Growth Rates
- o Population: States and UT
- o Decadal growth rate
- o National Population Policy
- o Density of population
- Literacy
- **o** Literacy in major states
- o Literacy rate in India: 1951-2011
- o Ranking of States and UTs by 206 literacy rate: 2011
- o Gender composition of the Population
- o Trends in Sex Ratio in India
- o Child sex ratio in age group 0-6 yrs
- o Sex ratio of age 7 years and above population
- o Old Age People
- Health Indicators
- Settlements and Urbanization
 - Rural Settlements
 - Factors affecting settlement patterns
 - Settlement types
 - Urbanization
 - Urban Agglomeration / Cities
- Land Resource
 - Land-use
 - Land capability classification
 - o Causes of Land Degradation
 - o Impact of Land Degradation
 - Steps taken by GOI
 - Sustainable Land Management
- Mineral Resource
 - o Types of minerals: Metallic minerals
 - o Non-metallic mineral
 - o Distribution of minerals and mining regions
 - Distribution, production and international trade of Metallic minerals:
 Ferrous metals: Iron ore
 - o Ferro-alloys and non-ferrous
 - o Manganese
 - o Chromium
 - o Nickel
 - o Tungsten
 - Antimony
 - Copper
 - o Bauxite and Aluminium
 - o Zinc; Lead
 - o Tin
 - o Gold
 - o Silver
 - o Platinum
 - o Mineral chemicals



- o Mica
- o Potash
- Phosphate
- Nitrates
- Sulphur
- Conservation of mineral resources
- Energy Resources
 - Classification of energy
 - o Production of conventional energy
 - o General trends of energy production and consumption
 - o Reserves and sources of energy
 - o Coal
 - o Nature and origin of coal
 - o Constituents and kinds of coal
 - o Coal fields and coal production
 - Byproducts of coal
 - Conservation of Coal
 - o Petroleum
 - Nature and properties of petroleum
 - o Origin and recovery
 - o Exploration
 - o Petroleum refining
 - o Petroleum reserves
 - o Producing areas
 - Consumption of petroleum
 - International trade
 - **OPEC** and its role in oil trade
 - o Natural gas: Reserves and Production
 - Hydro-electricity
 - Advantages of hydro-electricity
 - o Ideal conditions for generation of hydro-electricity
 - o Distribution of potential hydro-power
 - o Hydro-electric power generation in India
 - o Atomic (nuclear) energy
 - o Atomic: source minerals: Uranium
 - World distribution of Uranium
 - o Production of Uranium
 - o Thorium
 - o Production of Atomic (Nuclear) Energy
 - Nuclear Energy
 - o Alternative (non-conventional) sources of energy
 - Solar energy
 - Wind energy
 - o Geothermal power
 - o Tidal energy
 - Wave energy
 - Biomass energy
- Agriculture Basic Terminologies
 - o Performance of the agriculture sector
 - o Types of farming in India
 - Dry zone farming



- o Organic farming
- o Cropping seasons in India
- o Cropping Pattern in India
- o Agriculture regionalization
- o Infrastructure factors: Seeds; Fertilizers; Irrigation
- Land use pattern in India
- o Institutional Factors as land reform
- Horticulture sector in India
- Agricultural revolutions
- o Agricultural labours
- **o** Price Policy for Agriculture
- Agricultural marketing
- **o** Agricultural Insurance
- Agricultural Census
- o Major schemes in agricultural sector
- National Policy for farmers
- o Impact of climate change on agriculture
- What is sustainable agriculture?
- **o** Use of IT in agriculture
- Agriculture Issues and Challenges
- Recent Developments in Agriculture Field
 - NITI Aayog proposed the idea of taxation of agricultural income
 - Removing agricultural commodities from the essential commodities Act: NITI Aayog
 - o Feminization of Agriculture
 - o e-auction portal: e-Rakam for selling agricultural produce
 - "AGRI-UDAAN" Food and agri-business acceleration 2.0 to bring startup revolution
 - APEDA (Agricultural and Processed Food Products Export Development Authority Act)
 - o SMAM (Sub-Mission on Agricultural Mechanization)
 - **o** Jute-ICARE Project
 - Project CHAMAN
 - o Doubling the farmers income: Ashok Dalwai Committee
 - o RKVY-RAFTAAR
 - Agro Irradiation Centers
 - o Agricultural Marketing and Farm Friendly Reforms Index
 - National Food Security Act
 - Digitization and Agriculture
 - **o** Direct Benefit Transfer in Fertilizer Sector
 - o Draft Regulation on Fortification of Foods
 - Law Commission Recommendation on Food Laws
 - Concept of Modern Terminal Markets
 - o Animal Husbandry, Dairying and Fisheries
 - o e-Pashuhaat Portal
 - Schemes of Bio-Tech Kisan and Cattle Genomics
 - o RashtriyaGokul Mission
 - Mission Fingerling
 - o Ornamental Fishing
 - Agricultural Science Congress
 - RubSiS



- o Ethanol Blending
- o National Bureau of Plant Genetic Resources
- o Amendments to the NABARD Act, 1981
- Revenue Insurance Scheme for Plantation Crops
- **o** Neem Coating of Urea
- **o** National Agriculture Market
- Productivity of Crops and conditions for growth
 - o Wheat
- · Conditions of growth
- Varieties
- Types of cultivation
- Production pattern
- International trade
 - o Rice
- Conditions of growth
- Varieties
- Methods of cultivation
- Production pattern
- International trade
 - Maize (Corn)
- Conditions of growth
- Production pattern
- International trade
 - o Barley
- Conditions of growth
- Production pattern
- International trade
 - o Oats
 - o Rve
 - Beverages
 - o Tea
- Condition of growth
- Production pattern
- International trade
 - Coffee
- · Types of coffee
- Conditions of growth
- Production pattern
- International trade
 - Cocoa
- Conditions of growth
- Production pattern
- International trade
 - o Tobacco
- · Conditions of growth
- Production pattern
- International trade
 - Fibre Crops
 - o Cotton
- Varieties of cotton
- Conditions of growth



- Production pattern
- International trade
 - Jute
- · Conditions of growth
- Production pattern
- International trade
- Substitutes of Jute: Flax, Hemp
- Raw Silk
- Production pattern
 - States
 - Natural Rubber
- Other sources of rubber
- Plantations in South-east Asia
- Production pattern
 - Sugarcane
- Conditions of growth
- Production pattern
- International trade
- Sugarbeet Conditions of growth
- Production pattern
- Sugar industry
- Sugar consumption
- International trade.
- Industry
- Industrial development
- Iron and Steel Industry
- Location of iron and steel industry
- Development of iron manufacture
- · Distribution of iron and steel industry
- Global steel production
- International trade in Steel
- Textile Industry
- Cotton Textile Industry: Location of the industry
- Recent trends in localization
- Distribution and production of cotton textiles
- Woollen textile industry: Location of the industry
- Silk textile industry: Raw silk manufacture
- Silk textile manufacturing
- Synthetic (artificial) silk industry
- Distribution of man-made fibre and fabrics
- Engineering Industries
- Machine tools and machines: Areas of production
- Industrial machinery: Textile machinery
- · Agricultural machinery
- Manufacturing of transport equipment
- Automobile industry
- Shipbuilding
- Aircrafts Industry
- Fertilizer industry: Nitrogen fertilizers
- Phosphate fertilizers
- Potash fertilizers



- Agro-industries
- Synthetic rubber industry
- Pulp and paper industry: Essential conditions for pulp production
- Production of paper and paper board
- Newsprint
- Cement industry
- Distribution of cement industry
- Recent trends: Main global competitors
- Petroleum refining industry: Localization
- Site selection of petroleum refineries
- History of oil refineries
- World pattern of oil refining
- Petroleum products
- Industrial Regions
- Characteristics of industrial regions
- Delimitation of an industrial region
- Principal intrial regions of the world
- Industrial regions of Anglo America—USA, Canada, Western Europe and Central Britain, Germany, Belgium, Netherlands, France, Italy, Eastern Europe, Poland, Former USSR
- Eastern Asia Japan, China, the 'Dragons', India, High tech patterns.
- Transport
- Importance and development of transport
- Means of transport
- Transport costs and economic distance
- Operating costs in transport
- Relative importance of means of transport: Railways, Roads, Pipeline, Oceans, Air transport
- Profits and freight rates
- Government's transport policy
- Ocean transport routes
- Inland waterways
- Main regions of inland waterways
- Railways: Factors affecting the railroads
- Distribution of railroads in the world
- Air transport: Factors influencing air transport
- Air transport in various continents
- Pipeline transport
- Petroleum (oil) pipelines
- Gas pipelines
- Recent Development in Transport Sector
- Rural electrification corporation: First green bond
- Time and costs over runs of infrastructure projects
- India's First Mega Coastal Economic Zone (CEZ) to come up in Maharashtra
- Logistic sector gets infrastructure status
- AIIB approves \$150 million for India infrastructure fund
- Ro-Ro Ferry service
- Bharatmala project for construction of 24,000 km of highway connecting Western and Eastern part
- Union Ministry of shipping is planning to expand Logistics Data Bank (LDB)



- Railways India Development Fund
- National Infrastructure Investment Fund
- Defence Innovation Fund
- Flexi Fare Method in Railway
- Rail Cadre Management
- TRI-NETRA in Railways
- National Rail Plan 2030
- India's First Caterpillar Train
- Green corridor concept
- Made in India 'Medha' train
- Antyodaya Express
- Smart Railway Station
- Yatri Mitra Seva
- National Highways Interconnectivity
- Vehicle Fleet Modernization Programme
- Transit Oriented Development Policy
- Logistic Effi ciency Enhancement Programme
- Indian Bridge Management System
- National Road Safety Policy
- TARANG
- E-trans
- DEEP (Discovery of Efficient Electricity Pric
- GARV II APP
- Trading of Energy Saving Certifi cates
- Powers for all 24x7
- Draft National Electricity Plan
- Habitat Commitment Index
- Recent developments in Industrial Sector
- Disinvestment of PSUs
- Report titled "India's Labor Market: A New Emphasis on Gainful Employment
- Wage code Bill in line of recommendations of 2nd National Commission on Labor
- CAR for the operation of Drones in India.
- Draft Evaluation template for the star rating of Minor Minerals
- Online database containing GIS-Enabled portal Maps land related information
- Chennai-Bangalore Industrial Corridor
- Apex Corridor Developmental Authority
- · Tamra Portal
- Mining Surveillance System
- Coal Mitra
- M-SIPS for Electronic Sector
- Indian Enterprise Development Service
- Trade Receivables Discounting System
- SME Business Environment Index



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- Continents Countries and Cities
 - o Continents and Important Cities of the World
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 - Changed Names of Some Cities, States, and Countries
 - o Distinctive Names of Countries/Towns Geographical Epithets
 - o Regional Grouping of Countries of the World
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