

CSTP 2020-21

Geography Optional Answer Improvement Program

The one year Cycle Program that aims at grooming your confidence to help you leverage 300+ marks in your optional.

This program is planned for 2021 Main. For 2020 Main enroll in Test Series Program

In order to organize the sequence of revision, note the plan of program

Those who are already enrolled will continue with their respective cycles.

Features of Program

- Online Only
- Answer Writing Improvement Program (No Model Answer)
- Helping aspirants with comprehension of asked question requirements and integrating thought process with writing
- Unlimited (we will upload the Questions every week) Answer Writing Practice with feed back by Neetu Singh
- Provision for personal doubt clearing sessions with Neetu Singh
- Additional Readymade Questions with Answer (300+)
- Open for all Geography optional students preparing for main 2021
- Aims at helping aspirants attain 300+ marks
- 1 Year Support Program
- Feedback classes (Zoom)

Admission Open

Fee for program is Rs. 4500/- (incl. GST @ 18%).

Payment Link <https://feepal.org/index.php?/Online-Payment/coaching/DirectionIAS>

Highlights of Program

1. Questions will be uploaded on the portal of enrolled students with important reference books.
2. Supporting video lectures and study materials including model answers will be provided.
3. Frequency of uploaded questions will be on Sundays.
4. It serves the objective of helping aspirants remain consistent in their Geography syllabus revision and writing skills development.
5. **Fee for program is Rs. 4500/- (incl. GST @ 18%).**
6. Improvement of each candidate will be scaled in the time frame of 3 months.

Syllabus details

Frame Time	Topics covered	Details of Topics
20 July – 20 August	Regional/Political Geography	<ul style="list-style-type: none"> • Concept of a region (P1) • Types of regions and methods of regionalization (P1) • Growth centres and growth poles (P1) • Regional imbalances (P1) • Regional development strategies (P1) • Environmental issues in regional planning (P1) • Planning for sustainable development (P1) • Perroux and Boudeville Rostov's model of stages of growth (P1) • Experience of regional planning in India (P2) • Five Year Plans; Integrated rural development programmes (P2) • Panchayati Raj and decentralized planning (P2) • Command area development (P2) • Watershed management (P2) • Planning for backward area, desert drought prone, hill, tribal area development (P2)

		<ul style="list-style-type: none"> • Multi-level planning (P2) • Regional planning and development of island territories (P2) • Problems of agrarian and industrial unrest (P2) • Regional disparities in economic development (P2) • Concept of sustainable growth and development (P2) • Environmental awareness (P2) • Linkage of rivers (P2) • Globalization and Indian economy (P2) • Heartland and Rimland theories (P2) • Laws of international boundaries and frontiers (P2) • Geographical basis of Indian federalism (P2) • State re-organization (P2) • Emergence of new states (P2) • Regional consciousness and interstate issues (P2) • international boundary of India and related issues (P2) • Cross border terrorism (P2) • India's role in world affairs (P2) • Geopolitics of South Asia and Indian Ocean realm (P2)
<p>20 August – 20 September</p>	<p>Perspectives in development of Human Geography</p>	<ul style="list-style-type: none"> • Areal differentiation (P1) • Regional synthesis (P1) • Dichotomy and dualism (P1) • Environmentalism (P1) • Quantitative revolution and location analysis (P1) • Radical, behavioral, human and welfare approaches (P1) • Languages, religions and secularisation (P1) • Cultural regions of the world (P1)

		<ul style="list-style-type: none"> • Human development index (P1) • Systems analysis in Human geography (P1) • Malthusian, Marxian and demographic transition models (P1) • Systems Analysis
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20 September – 20 October	Relief	<ul style="list-style-type: none"> • Factors controlling landform development (P1) • Endogenetic and exogenetic forces (P1) • Origin and evolution of the earth's crust (P1) • Fundamentals of geomagnetism (P1) • Physical conditions of the earth's interior (P1) • Geosynclines (P1) • Continental drift (P1) • Isostasy; Plate tectonics (P1) • Recent views on mountain building (P1) • Vulcanicity; Earthquakes and Tsunamis (P1) • Concepts of geomorphic cycles and Landscape development (P1) • Denudation chronology (P1) • Channel morphology (P1) • Erosion surfaces; Slope development (P1) • Structure and relief of India (P2) • Drainage systems and watersheds (P2) • Physiographic regions of India (P2)
20 October – 20 November	Climate and Ocean	<ul style="list-style-type: none"> • Temperature and pressure belts of the world (P1) • Heat budget of the earth (P1) • Atmospheric circulation (P1) • Atmospheric stability and

		<p>instability (P1)</p> <ul style="list-style-type: none"> • Planetary and local winds (P1) • Monsoons and jet streams (P1) • Air masses and frontal genesis (P1) • Temperate and tropical cyclones (P1) • Types and distribution of precipitation (P1) • Weather and Climate (P1) • Koppen's, Thornthwaite's and Trewartha's classification of world climates (P1) • Hydrological cycle (P1) • Mechanism of monsoons and rainfall patterns of India (P2) • Tropical cyclones and Western Disturbances of India (P2) • Floods and Droughts of India (P2) • Climatic Regions of India (P2) • Bottom topography of the Atlantic, Indian and Pacific Oceans (P1) • Temperature and salinity of the oceans (P1) • Heat and salt budgets (P1) • Ocean deposits (P1) • Waves, currents and tides (P1) • Laws of the sea (P1)
<p>20 November – 20 December</p>	<p>Bio Geography and Environment Geography</p>	<ul style="list-style-type: none"> • Genesis of soils (P1) • Classification and distribution of soils (P1) • Soil profile (P1) • Soil erosion (P1) • Degradation and conservation (P1) • Factors influencing world

		<p>distribution of plants and animals (P1)</p> <ul style="list-style-type: none"> • Problems of deforestation and conservation measures (P1) • Social forestry; agro-forestry (P1) • Wild life (P1) • Major gene pool centres (P1) • Principle of ecology (P1) • Human ecological adaptations (P1) • Influence of man on ecology and environment (P1) • Natural vegetation (P2) • Soil types and their distributions (P2) • Land, surface and ground water, energy, minerals, biotic and marine resources (P2) • Forest and wild life resources and their conservation (P2) • Energy crisis (P2) • Applied Geomorphology (P1) • Geo hydrology (P1) • Economic geology and environment (P1) • Global climatic change and role and response of man in climatic changes (P1) • Applied climatology and Urban climate (P1) • Marine resources: biotic, mineral and energy resources (P1) • Coral bleaching (P1) • Sea-level changes (P1) • Marine pollution (P1) • Global and regional ecological changes and imbalances (P1) • Ecosystem their management and conservation (P1) • Environmental degradation, management and conservation (P1)
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		<ul style="list-style-type: none"> • Biodiversity and sustainable development (P1) • Environmental policy (P1) • Environmental hazards and remedial measures (P1) • Environmental education and legislation (P1) • Ecological issues (P2) • Environmental hazards (P2) • Landslides, earthquakes, Tsunamis, floods and droughts, epidemics (P2) • Issues relating to environmental pollution (P2) • Changes in patterns of land use (P2) • Principles of environmental impact assessment and environmental management (P2) • Environmental degradation; Deforestation, desertification and soil erosion (P2)
<p>20 December – 20 January</p>	<p>Agriculture and Resource</p>	<ul style="list-style-type: none"> • World agriculture (P1) • Typology of agricultural regions (P1) • Agricultural inputs and productivity (P1) • Food and nutrition problems (P1) • Food security (P1) • Famine: causes, effects and remedies (P1) • Von Thunen’s model of agricultural location (P1) • Infrastructure: irrigation, seeds, fertilizers, power (P2) • Institutional factors: land holdings, land tenure and land reforms (P2) • Cropping pattern, agricultural productivity, agricultural

		<p>intensity (P2)</p> <ul style="list-style-type: none"> • Crop combination, land capability (P2) • Agro and social-forestry (P2) • Green revolution and its socio-economic and ecological implications (P2) • Significance of dry farming (P2) • Livestock resources and white revolution; aquaculture; sericulture (P2) • Apiculture and poultry (P2) • Agricultural regionalisation (P2) • Agro-climatic zones (P2) • Agro-ecological regions (P2) • Population explosion and food security (P2)
<p>20 January – 20 February</p>	<p>Population settlement</p>	<ul style="list-style-type: none"> • Growth and distribution of world population (P1) • Demographic attributes (P1) • Causes and consequences of migration (P1) • Concepts of over-under-and optimum population (P1) • Population theories (P1) • World population problems and policies (P1) • Social well-being and quality of life (P1) • Population as social capital (P1) • Types and patterns of rural settlements (P1) • Environmental issues in rural settlements (P1) • Hierarchy of urban settlements (P1) • Urban morphology (P1) • Concepts of primate city and rank-size rule (P1) • Functional classification of towns (P1)

		<ul style="list-style-type: none"> • Sphere of urban influence (P1) • Rural-urban fringe; Satellite towns (P1) • Problems and remedies of urbanization (P1) • Sustainable development of cities (P1) • Historical Perspective of Indian Society (P2) • Racial, linguistic and ethnic diversities (P2) • Religious minorities (P2) • Major tribes, tribal areas and their problems (P2) • Cultural regions (P2) • Growth, distribution and density of population (P2) • Demographic attributes (P2) • Sex-ratio, age structure, literacy rate (P2) • Work-force, dependency ratio (P2) • Longevity (P2) • Migration (inter-regional, intra-regional and international) and associated problems (P2) • Population problems and policies (P2) • Health indicators (P2) • Types, patterns and morphology of rural settlements (P2) <ul style="list-style-type: none"> • Urban development's (P2) • Morphology of Indian cities (P2) • Functional classification of Indian cities (P2) • Conurbations and metropolitan regions (P2) • Urban sprawl (P2) • Slums and associated problems (P2) • Town planning (P2)
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		<ul style="list-style-type: none"> • Problems of urbanization and remedies (P2)
20 February– 20 March	Industries	<ul style="list-style-type: none"> • Energy crisis (P1) • The limits to growth (P1) • World industries: Location patterns and problems (P1) • Weber’s model of industrial location (P1) • Evolution of industries (P2) • Location factors of cotton, jute, textile, iron and steel, aluminum, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries (P2) • Industrial houses and complexes including public sector undertakings (P2) • Industrial regionalization (P2) • New industrial policies (P2) • Multinationals and liberalization (P2) • Special Economic Zones (P2) • Tourism including eco – tourism (P2)
20 March – 20 April	Trade, Transport and Communication	<ul style="list-style-type: none"> • Patterns of world trade (P1) • Road, railway, waterway (P2) • Airway and pipeline networks (P2) • Their complementary roles in regional development (P2) • Growing importance of ports on national and foreign trade (P2) • Trade balance (P2) • Trade Policy (P2) • Export processing zones (P2) • Developments in communication and information technology and their impacts on economy and society (P2) • Indian space programme (P2)

Geography Optional (Reference Books)

Geomorphology (Physical Geography) – Savindra Singh /Strahler

Climatology (Physical Geography) – Savindra Singh /Strahler

Oceanography (Physical Geography) – Savindra Singh /Strahler

Biogeography (Physical Geography) – Savindra Singh /Strahler

Human Geography: Majid Husain

Geography of India: D R Khullar

Models and theories: Majid Hussain / Made simple part - II

Geographical Thought: Majid Hussain / Sudipta Adhikary

Additional Sources: Yojana & Kurushektra / NITI Aayog Report / India Year Book

All NCERT MUST READ

NCERT Books for UPSC Geography

Geography: NCERT Class VI – The Earth Our Habitat

Geography: NCERT Class VII – Our Environment

Geography: NCERT Class VIII – Resource and Development

Geography: NCERT Class IX – Contemporary India – I

Geography: NCERT Class X – Contemporary India – II

Geography: NCERT Class XI – Fundamentals of Physical Geography (New NCERT)

Geography: NCERT Class XI – India – Physical Environment

Geography: NCERT Class XII – Fundamentals of Human Geography (New NCERT)

Geography: NCERT Class XII – India – People and Economy

Physical Geography Made Simple (Part - I) By : Richard H Bryant

Economic and Social Geography Made Simple (Part - II)

Certificate physical and human geography by GC Leong