

DIRECTION INSTITUTE FOR IAS
Ultimate Learning Experience Pvt. Ltd.
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Geography Optional Admission Open
(Evening Batch)

7th, November 5 pm - 8 pm

Signification of Geography in UPSC Examination- apart from being one of the most sought after optional, with highest levels of success in last few years. Geography has significant share in GS (Prelims & Main) in GS Prelims paper - I, three topics viz. Geography of the World & India, Social economic development, Environment, ecology, Biodiversity, Climate change, accounts for 30 - 35 % of questions. In GS main paper - III, more than 70% topic are geographical in nature. It is dynamic discipline that helps aspirants to remain updated catering current affairs significantly. We in Direction IAS ,provide coaching for both optional & GS classes.

About the Institution – DIRECTION

Every intelligent and sensible young person, being ambitious aspire to be an IAS, but just to aspire without firm determination, required devotion, dedication and DIRECTION, means to make castle in the air, as it involves tough competition from among the aspirants. Hence the requirements are firm determination, wholehearted devotion, and dedication and of course, right DIRECTION. A stray study with devotion, on systematic and right lines leads to success. Study on right lines and in right DIRECTION means to have clear vision of the present day patterns, trends and requirements of the exam.

The Fee for Geography (Optional) is Total Fee: Rs. 51,000/- (Including : 18% GST, CGST 9% & : SGST 9%). Portal Charges, Study Material, Test Series (12 -15 Tests) Classes Duration 4 - 4^{1/2} Months (18 - 20 weeks) 125 days.

We follow first - come-first - serve principle for admission to regulate the same and provide opportunities to all the students. (Limited Sets)

- Admission process including paying the fees has to be completed within given time failing which your online registration stands cancelled.

Online registration will require filling up of online form and payment of registration fee of Rs. 600/- through Credit or Debit Card (Visa/Master). <https://www.directionias.com/admission/>

The generated registration number will be required for completion of admission process in the prescribed time.

- The fee is to be submitted **either** as DD in favour of 'Direction Ultimate Learning Experience Pvt. Ltd.' Payable at New Delhi **or** Online payment.
- Assistance is provided to the students for the arrangement of accommodation from outside sources.

Payment Mode : Cash, By swiping Credit/Debit card only at the Institute.(Card Charges Applicable) Demand Draft in favour of "Direction Ultimate Learning Experience (P) LTD" payable at New Delhi NEFT Transfer/RTGSBank Name: HDFCBank Branch: Pusa Road, Bazar Marg, Rajinder Nagar, New Delhi - 60. Account No.: 00267630000580 Beneficiary Name: Direction Ultimate Learning Experience Pvt. Ltd. IFSC Code: HDFC0000026 After NEFT payment the students are required to send email with online registration number and NEFT Transaction Id (slip)

Fee payment: (51000/-) <https://feepal.org/index.php?/Online-Payment/coaching/DirectionIAS>

Geography Main (2020) – Features

- 4 - 4½ months course with 3 hours of daily classes.
- **Batch Timing :** 5 pm - 8 pm (**Evening**) **7th, November**
- Course includes complete syllabus coverage along with 12-15 tests Subjective with Objective Coverage also (held weekly). 8 (Eight Test Topic Wise) 2 (Test Full Length) 5 (Prelims Oriented)
- Printed study material each and every topic like. Earth Quake, Earth Structure, Plate Tectonic. Etc. (Total no of material 35 Booklets)
- 2 years of portal support after the completion of class (for regular updating of Lectures / Notes.)
- Test Format Question-Cum-Answer Booklet, Model Answers to the conducted test and answer script evaluation with individual feedback, by Neetu Singh are constituent of the curriculum.
- Regular map marking(Daily 15- 20 Minutes) for Paper II (Daily practice with Oxford school Atlas of India & NATMO)
- Audio/Video visual tools for utilized for clarity of concepts.
- The class dictation notes with printed material and model answers covers complete requirement of examination.
- Complete syllabus is taken by **Neetu Singh**.
- Student Queries are regularly solved after the class and before the class.

Features of Test Series Program

Geography Optional – 2020

GEOGRAPHY OPTIONAL TEST SERIES DATE SHEET

Test – 1 20th, October	Geomorphology (will not include Applied Geomorphology)	All geomorphology P1 ; Physiographic Regions P2 , Drainage System P2 , Watersheds P2 , Relief and Structure P2
Test – 2 3rd, November	Climatology & Oceanography (will not include Applied Climatology, Urban climate, Marine Resources, Coral Bleaching, Marine Pollution)	Rest all Climatology P1 , Rest all Oceanography P1 ; Mechanism of Indian Monsoons P2 , Rainfall Pattern P2 , Tropical Cyclones P2 , Climatic Regions P2 , Western Disturbances P2
Test – 3 10th, November	Biogeography	Genesis of soil P1 , Classification and distribution of soil P1 , Soil Profile P1 , Factors influencing world distribution of plants & animals P1 , Wild life, Gene Pool centres P1 ; Ecosystems, Principle of Ecology, Biodiversity P2 ; Human Ecological adaptation P1 , Marine resources P1 ; Natural vegetation, soil types P2 , Resources entire P2
Test – 4 17th, November	Environmental Geography (will include All the Important Conventions & Policies of Environment Mitigation & Adaptation in relevance of GS also)	Applied Geomorphology P1 , Applied Climatology P1 , Marine Pollution P1 , Problems of soil degradation, deforestation, Ecological imbalances and changes P1 , Ecosystem Management & Conservation, Sustainable Development, Environment Policy, Environmental hazards, remedial measures P1 ; Ecological issues, Environmental hazards, Pollution, Principle of EIA, Soil Erosion, Environmental Degradation, Environmental Policies (Contemporary issues) P2
Test – 5 24th, November	Agriculture Geography	World Agriculture P1 , Types, agricultural input & productivities, food and nutrition problem, Food security, Agricultural location models P1 ; All agriculture P2 , Food Security P2
Test – 6 1st, December	Industrial Geography	Energy crisis, World Economic development, Measurement and problems, World industries P1 ; All Industry P2 ; Industrial location models P1
Test – 7	Trade, Transport &	Patterns of World Trade P1 ; All Trade, Transport &

8 th , December	Communication	Communication P2
Test – 8 15 th , December	Regional and Political Geography (will include all the dynamic part of Human, Physical Geography & Contemporary Geo-politics)	Concept of region, Types of regions, methods of regionalization, regional imbalances, Development strategies, Environmental issues in regional planning, Growth Pole concepts, Boudeville Growth model, Heartland Rimland concepts, Laws of International boundaries and frontiers P1 ; All regional development & Planning P2 , Regional in economic development, Agrarian Industrial unrest P2
Test – 9 29 th , December	Perspectives in Human Geography Population and Settlement	All Geographical Thought P1 , System Analysis in Human Geography, All Population and Settlements P1 , Malthusian, Marxian, Demographic transition models P1
Test – 10 5 th , January	Cultural Setting and Settlement in India	All cultural setting P2 , All settlement P2 , Population of explosion and food security, Environmental Awareness P2 , Globalization and its impact P2
Test – 11 19 th , January	Final 1	Complete Syllabus of Paper-1 (Full length Test)
Test – 12 2 nd , February	Final 2	Complete Syllabus of Paper-II (Full length Test)

- *Dates will be announced on admission time*
- Number of Total Tests – 12+7 = 19
- Number of Mapping – 7
- Number of Discussions – 12 (Test Discussion)
- Number of Study Material Booklets – 10 (Portal Support)
- Discussion Hours – 36
- Flexible Timing & Dates
- Evaluated Answer will be returned in selective lots with Comparative performance, and ranking will be uploaded on the portal to help students judge their relative performances.
- Evaluated Answer will be returned in selective lots with personal feedback by Neetu Singh
- Discussion in class will be on Wednesdays.
- UPSC Main 2019 (Current year) Question Paper Discussion & Solved Answer will be included.
- **Test Timing** : 9 am - 12 noon , 12.30 - 3.30 pm , 5.00 pm - 8.00 pm (Sunday)
- **Dates are announced admission time**

Geography Test Series Online Classes (Before Tests)
15 th , October (Online)
25 th , October (Online)
15 th , November (Online)
1 st , December (Online)

MAP TEST 2020

- 7 scheduled Map tests
- Dedicated to revise all dynamic and static items of syllabus
- Every test will include 35-40 items
- Maximum Marks of test – 90
- Time allowed – 1 hour and 30 minutes

Test	Date	Syllabus
1	22 Oct	PHYSIOGRAPHY Mountains, hills, plateaus, plains, islands, passes, peaks
2	12 Nov	CLIMATE AND DRAINAGE Climate regions, river system reservoir, lakes, dams, creeks, wetlands
3	19 Nov	ENVIRONMENT GEOGRAPHY Protected Areas, conservation reserves, New sites of NGT Action GI Tag, Environmental agitation
4	26 Nov	CULTURE/TOURISM Cities/HRIDAY/PRASAD/ Tourism circuits – all inclusive AMRUT/SMART cities
5	3 Dec	ECONOMIC GEOGRAPHY-I Agriculture region/Crop regions – any important planning locations/ Industrial location, regions and specific industries, Power plants
6	10 Dec	ECONOMIC GEOGRAPHY-II Trade, Transport and communication networks
7	24 Dec	MISCELLANEOUS

DETAILED SYLLABUS FOR THE SCHEDULED TESTS

(PI) Paper - I / (P2) Paper - II

Test – 1 Geomorphology

- 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)**

TEST - 2 Climatology and Oceanography

- Temperature and pressure belts of the world **(P1)**
- Heat budget of the earth **(P1)**
- Atmospheric circulation **(P1)**
- Atmospheric stability and instability **(P1)**
- 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)**

TEST - 3 Biogeography

- Genesis of soils **(P1)**
- Classification and distribution of soils **(P1)**
- Soil profile **(P1)**
- Soil erosion **(P1)**
- Degradation and conservation **(P1)**
- Factors influencing world distribution of plants and animals **(P1)**
- 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)

TEST - 4 Environmental Geography

- 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)
- 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)

TEST - 5 Agriculture Geography

- 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 intensity (P2)
- 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; aqua-culture; sericulture (P2)
- Apiculture and poultry (P2)
- Agricultural regionalisation (P2)
- Agro-climatic zones (P2)
- Agro-ecological regions (P2)
- Population explosion and food security (P2)

TEST - 6 Industrial Geography

- 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)

TEST - 7 Transport, Communication and Trade

- 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)

TEST - 8 Regional Developments and Planning and Political Aspects

- 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)
- 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)

TEST - 9 Perspectives in Human Geography Population and Settlement Geography

- 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)
- Human development index (P1)
- Systems analysis in Human geography (P1)
- Malthusian, Marxian and demographic transition models (P1)
- 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)
- Sphere of urban influence (P1)
- Rural-urban fringe; Satellite towns (P1)
- Problems and remedies of urbanization (P1)
- Sustainable development of cities (P1)

TEST - 10 Cultural Setting and Settlements

- 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)
- 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)
- Problems of urbanization and remedies (P2)

Note: P1- Paper-1; P2 – Paper-2

TEST - 11 Complete Syllabus of Paper - I (Comprehensive-1) Full Length Test

TEST - 12 Complete Syllabus of Paper - II (Comprehensive-2) Full Length Test

NOTE *Map Question will be with every Test*

THRUST AREA OF TEST SERIES: *The program orients towards*

- Writing skill enhancement
- Framing of answer with integration of diagrams
- Rational utilization of given time and space
- Comprehending the key terms of questions
- Integrating the facts and figures in logical manner
- Coherence in writing
- Flexibility in content presentation in absolute requirement of question

PURPOSE OF TEST SERIES:

- Help aspirants understand the demand of asked questions in UPSC exam effectively.
- Provide personal feedback (by Neetu Singh Madam) to individual aspirants, to help them enhance their potentials
- Coverage of entire syllabus in logical time.
- Provision of quality improvement classes for enrolled students
- Targeting 2020 MAIN - It will provide aspirants sufficient time and opportunity to increase their potentials.