

**BATCH I - GEOGRAPHY  
OPTIONAL TEST SCHEDULE  
(MAINS ASPIRANTS 2025)**



**SHANKAR**  
**IAS ACADEMY**<sup>TM</sup>  
Best Academy for Civil Services Exam Coaching



## **BATCH I - GEOGRAPHY OPTIONAL TEST SERIES – 2025**

### **COMMITMENTS AND INSTRUCTIONS**

- The Geography Optional Test Series comprises **9 Tests in total**. It includes 5 sectional tests and 4 Full tests.

### **Deliverables:**

- Before the start of the Test series, there is an Orientation on how to prepare for this year's Main written examination. The Orientation will have an analysis of the past trends and a discussion on the focus areas of this year.
- Orientation Date: **11th June, 2025**
- Orientation Time: **2:30 p.m. to 5:00 p.m.**
- Each Sectional Test and the first 2 full tests will be followed by a Test Discussion.
- For the 5 sectional tests and the first two full tests,
  - Exam Time: **10:30 a.m. to 1:30 p.m.**
  - Discussion Time: **2:30 p.m. to 5:00 p.m.**
- The Answer copies will be evaluated by the Geography Faculty. Each Sectional Test and the First Two Full Tests will carry an Answer Key. Along with the Answer Key, Handouts on Focus Areas will be provided.
- The Last Two Full (Mock) Tests will not have Test Discussion and Answer Key.
- Fee Structure :
  - New Students Rs.9,000/-**
  - Old Students Rs. 8,000/-**



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Test No	Date	Syllabus
<b>Test 1</b>	18 <sup>th</sup> June 2025	<p><b>Climatology:</b> Temperature and pressure belts of the world; Heat budget of the Earth; Atmospheric Circulation: Atmospheric Stability and Instability; Planetary and Local Winds; Monsoons and Jet Streams; Air masses and Frontogenesis; Temperate and Tropical cyclones; Types and Distribution of Precipitation; Weather and Climate; Koeppen, Thornthwaite, Trewartha classification of world climate; Hydrological Cycle; Global Climatic Change; Role and response of Man in climate change; Applied Climatology and Urban Climate</p> <p><b>Oceanography:</b> Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and Salinity of the oceans; Heat and Salt budget; Ocean deposits; Waves, currents and Tides; Marine Resources; Biotic, Mineral and Energy Resources; Coral Reefs, coral bleaching; Sea Level change; Law of the Sea and Marine Pollution</p> <p><b>Indian Geography:</b></p> <p><b>Physical Setting:</b> Mechanism of Indian monsoons and rainfall patterns, Tropical cyclones and Western Disturbances; Floods and Droughts; Climatic regions.</p>
<b>Test 2</b>	25 <sup>th</sup> June 2025	<p><b>Geomorphology:</b> Factors controlling landform development; Endogenetic and Exogenetic Forces; Origin and Evolution of the Earth's crust; Fundamentals of Geomagnetism; Physical conditions of the earth's interior; Geosynclines; Continental Drift; Isostasy; Plate Tectonics; Recent views on Mountain Building; Vulcanicity; Earthquakes and Tsunamis; Concepts of Geomorphic Cycles and Landscape Development; Denudation Chronology; Channel Morphology; Erosion Surfaces; Slope Development; Applied Geomorphology; Geohydrology, Economic Geology and Environment</p>



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Test No	Date	Syllabus
		<p><b>Biogeography:</b> Genesis of soils; Classification and Distribution of soils; Soil profile; Soil Erosion, Degradation and Conservation; Factors influencing world distribution of plants and animals; Problems of Deforestation and conservation measures; Social and AgroForestry; Wild life; Major gene pool centers</p> <p><b>Environmental Geography:</b> Principle of ecology; Human Ecological Adaptations; Influence of Man on Ecology and Environment; Global and Regional Ecological Changes and Imbalances; Ecosystem their management and conservation; Environmental degradation, management and conservation; Biodiversity and Sustainable development; Environmental Policy; Environmental Hazards and Remedial Measures; Environmental Education and Legislation</p> <p><b>Indian Geography:</b></p> <p><b>Physical Setting:</b> Space Relationship of India with neighboring countries; Structure and Relief; Drainage systems and Watersheds; Physiographic regions; Natural Vegetation; Soil Types and Their Distribution;</p>
<b>Test 3</b>	2 <sup>nd</sup> July 2025	<p><b>Economic Geography:</b> World Economic Development: Measurement and Problems; World Resources and their distribution; Energy crisis; Limits to Growth; World Agriculture; Typology of Agricultural regions; Agricultural inputs and productivity; Food and Nutrition Problems; Food Security; Famine: Causes, Effects and Remedies; World Industries; Locational Patterns and Problems; Patterns of World Trade</p> <p><b>Regional Planning:</b> Concept of Region; Types of regions and Methods of Regionalisation;</p>



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Test No	Date	Syllabus
		<p>Growth Centres and Growth Poles; Regional Imbalances; Regional Development Strategies; Environmental Issues in Regional Planning; Planning for Sustainable Development</p> <p><b>Models, Theories and Laws in Human Geography:</b> Theories of Perroux and Boudeville; Von Thunen's Model of Agricultural Location; Weber's model of Industrial Location; Rostow's Model of Stages of Growth, System analysis in Human Geography, Laws of International Boundaries and Frontiers</p> <p><b>Indian Geography:</b></p> <p><b>Political Aspects:</b> Geographical Basis of Indian Federalism; State reorganization; Emergence of new states; Regional consciousness and inter state issues; International Boundary of India and related issues; Cross border terrorism; India's role in world affairs; Geopolitics of South Asia and Indian Ocean Realm</p>
<b>Test 4</b>	9 <sup>th</sup> July 2025	<p><b>Perspectives in Human Geography:</b> Areal differentiation; regional synthesis; Dichotomy and Dualism; Environmentalism; Quantitative Revolution and Location Analysis; Radical, Behavioural, Human and Welfare Approaches; Languages, Regions and Secularisation; Cultural Regions of the World; Human Development Index</p> <p><b>Indian Geography:</b></p> <p><b>Resources:</b> Land, surface and groundwater, energy, minerals, biotic and marine resources; Forest and wildlife resources and their conservation; Energy Crisis</p> <p><b>Agriculture:</b> Infrastructure, Irrigation, Seeds, Fertilizers, Power; Institutional Factors: Land</p>



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		<p>holdings, Land tenure and Land reforms; Cropping Pattern, Agricultural Productivity, Agricultural Intensity, Crop combination, Land capability; Agro and Social Forestry; Green Revolution and its socioeconomic and ecological implications; Significance of Dry Farming; Livestock resources and White Revolution; Aqua-culture; Sericulture, Apiculture and Poultry; Agricultural Regionalisation; Agro-climatic zones; Agro-ecological regions</p> <p><b>Industry:</b> Evolution of Industries; Location factors of Cotton, Jute, Textile, Iron and Steel, Aluminium, Fertilizer, Paper, chemical and pharmaceutical, automobile, cottage and agro-based industries; Industrial houses and complexes including public sector undertakings; Industrial regionalisation; New industrial policies; Multinationals and Liberalization; Special Economic Zones; tourism including eco-tourism</p> <p><b>Transport, Communication and Trade:</b> Road, Railway, Waterway, Airway and Pipeline Networks and their complementary roles in regional development; Growing importance of Ports on national and Foreign Trade; Trade Balance; Trade Policy; Export Processing Zones; Developments in Communication and Information Technology and their impacts on economy and society; Indian Space Program</p>
<b>Test 5</b>	16 <sup>th</sup> July 2025	<p><b>Population and Settlement Geography:</b> Growth and Distribution of World Population; Demographic Attributes; Causes and consequences of migration; concepts of over-under-and optimum population; Population theories, world population problems and policies, Social Well-being and quality of life; population as social capital; types and patterns of rural settlements; Environmental issues in rural settlements; Hierarchy of urban settlements; Urban morphology; concepts of primate city and rank-size rule; functional classification of towns; Sphere of urban influence; Rural-urban fringe; Satellite towns; Problems and Remedies of Urbanisation; Sustainable development of cities</p>



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Test No	Date	Syllabus
		<p><b>Models, Theories and Laws in Human Geography:</b> Malthusian, Marxian and Demographic Transition Models; Central Place Theory of Christaller and Losch</p> <p><b>Regional Development and Planning:</b> Experience of regional planning in India; Five year plans; Integrated rural development programmes; Panchayat raj and decentralized planning; command area development, watershed development; planning for backward area, desert, drought prone, hill, tribal area development; multi-level planning; regional planning and development of island territories</p> <p><b>Indian Geography:</b></p> <p><b>Cultural Setting:</b> Historical Perspective of Indian Society; Racial, linguistic and Ethnic Diversities; Religious minorities; Major Tribes, Tribal Areas and their problems; Cultural Regions; Growth, distribution and density of Population; Demographic Attributes: Sex-ratio, age structure, literacy rate, work-force, dependency ratio; longevity; migration (inter-regional, intra-regional and international) and associated problems; Population problems and policies; Health indicators</p> <p><b>Settlements:</b> Types, patterns and morphology of rural settlements; urban developments; Morphology of Indian Cities; Functional Classification of Indian Cities; Conurbations and Metropolitan regions; Urban sprawl; Slums and associated problems; Town Planning; Problems of Urbanization and Remedies</p>



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		<b>Contemporary Issues:</b> Ecological issues: Environmental Hazards; Landslides, Earthquake, Tsunamis, floods and droughts; epidemics; Issues relating to environmental pollution; Changes in patterns of land use; Principles of environmental impact assessment and environmental management; population explosion and food security; environmental degradation; Deforestation, desertification and soil erosion; Problems of agrarian and industrial unrest; regional disparities in economic development; concept of sustainable growth and development; environmental awareness; linkage of rivers; Globalization and Indian economy
<b>Test 6</b>	23 <sup>rd</sup> July 2025	<b>Full Test 1</b>
<b>Test 7</b>	30 <sup>th</sup> July 2025	<b>Full Test 2</b>
<b>Test 8 &amp; 9</b>	12 <sup>th</sup> August 2025	<b>Mock Test 1 – First Session</b> <b>Mock Test 2 – Second Session</b>