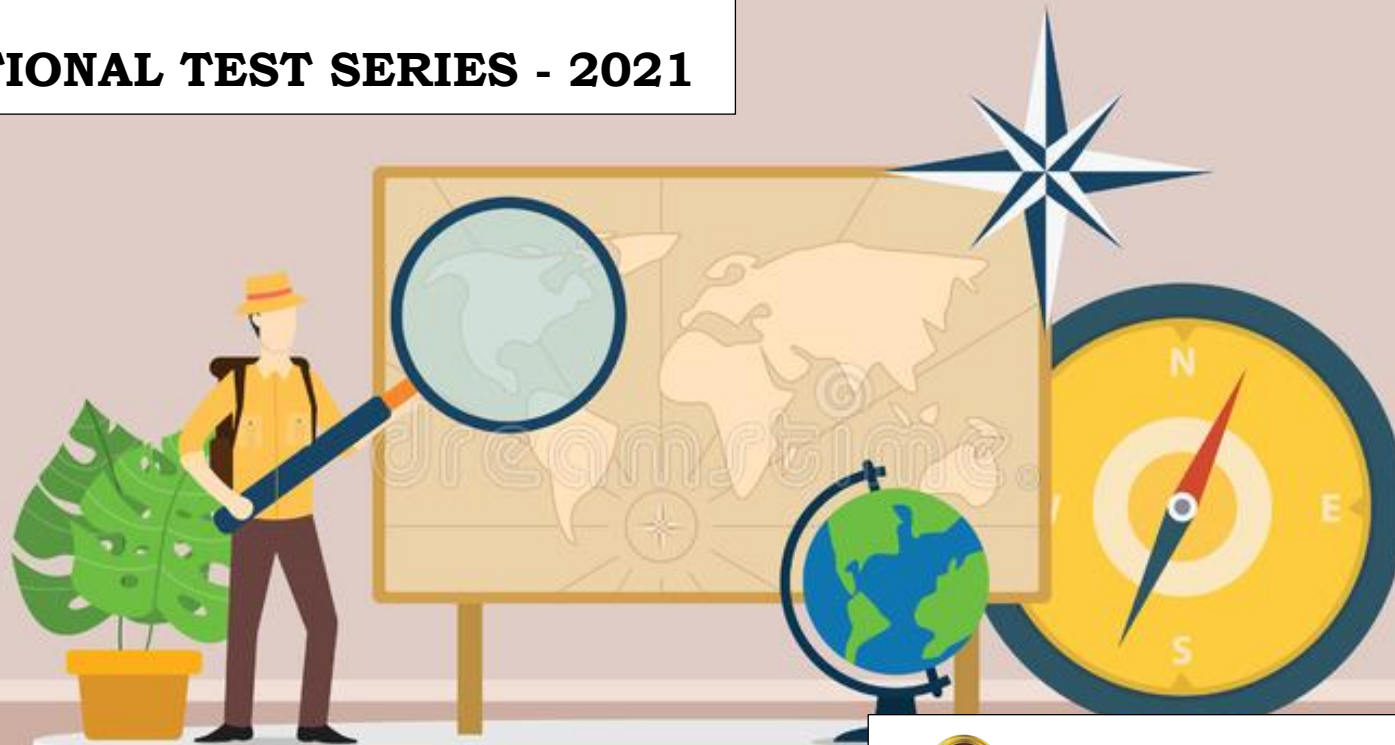


GEOGRAPHY

OPTIONAL TEST SERIES - 2021



SINCE 2004

**SHANKAR
IAS ACADEMY**

The Best IAS Academy in India

GEOGRAPHY - OPTIONAL TEST SERIES - 2021

S. No	DATE	TOPIC
1	27-10-2021	<p>Perspectives in Human Geography: Areal differentiation; regional synthesis; Dichotomy and dualism; Environmentalism; Quantitative revolution and locational analysis; radical, behavioural, human and welfare approaches; Languages, religions and secularisation; Cultural regions of the world; Human development index Models, Theories and Laws in Human Geography: Systems analysis in Human geography</p> <p>Models, Theories and Laws in Human Geography: Von Thunen's model of agricultural location;</p> <p>Economic Geography: World agriculture: typology of agricultural regions; agricultural inputs and productivity; Food and nutrition problems; Food security; famine: causes, effects and remedies;</p> <p>Agriculture: Infrastructure: irrigation, seeds, fertilizers, power; Institutional factors: land holdings, land tenure and land reforms; Cropping pattern, agricultural productivity, agricultural intensity, crop combination, land capability; Agro and social-forestry; Green revolution and its socio- economic 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>

2	10-11-2021	<p>Economic Geography: World economic development: measurement and problems; World resources and their distribution; Energy crisis; the limits to growth; World industries: locational patterns and problems; patterns of world trade.</p> <p>Models, Theories and Laws in Human Geography: Weber's model of industrial location; Rostov's model of stages of growth.</p> <p>Resources: Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.</p> <p>Industry: Evolution of industries; Locational 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>Transport, Communication and Trade: 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 programme.</p>
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3	17-11-2021	<p>Regional Planning: Concept of a region; Types of regions and methods of regionalisation; Growth centres and growth poles; Regional imbalances; regional development strategies; environmental issues in regional planning; Planning for sustainable development.</p> <p>Models, Theories and Laws in Human Geography: Theories of Perroux and Boudeville; Heartland and Rimland theories; Laws of international boundaries and frontiers.</p> <p>Regional Development and Planning: Experience of regional planning in India; Five Year Plans; Integrated rural development programmes; Panchayati Raj and decentralised planning; Command area development; Watershed management; Planning for backward area, desert, drought prone, hill, tribal area development; multi-level planning; Regional planning and development of island territories</p> <p>Political Aspects: Geographical basis of Indian federalism; State reorganisation; Emergence of new states; Regional consciousness and interstate 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>
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4	24-11-2021	<p>Models, Theories and Laws in Human Geography: Malthusian, Marxian and demographic transition models; Central Place theories of Christaller and Losch.</p> <p>Population and Settlement Geography: 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 urbanization; Sustainable development of cities</p> <p>Cultural Setting: 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: sexratio, 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. Settlements: 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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5	01-12-2021	<p>Climatology: 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 fronto genesis, Temperate and tropical cyclones; Types and distribution of precipitation; Weather and Climate; Koppen's, Thornthwaite's and Trewartha's classification of world climates; Hydrological cycle, Global climatic change and role and response of man in climatic changes, Applied climatology and Urban climate.</p> <p>Oceanography: Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and salt budgets, Ocean deposits; Waves, currents and tides; Coral reefs, coral bleaching; sea-level changes and marine pollution, Marine resources: biotic, mineral and energy resources; law of the sea</p> <p>Environmental Geography: 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>Contemporary Issues: Ecological issues; Environmental hazards: landslides, earthquakes, 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; Globalisation and Indian economy</p>
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6	08-12-2021	<p>Geomorphology: 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> <p>Biogeography: 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 forestry; agroforestry; Wild life; Major gene pool centres.</p> <p>Physical Setting: Space relationship of India with neighboring countries; Structure and relief; Drainage system and watersheds; Physiographic regions; Mechanism of Indian monsoons and rainfall patterns, Tropical cyclones and western disturbances; Floods and droughts; Climatic regions; Natural vegetation; Soil types and their distributions.</p>
7	16-12-2021	PAPER 1 FULL TEST
8	17-12-2021	PAPER 2 FULL TEST
9	ALL INDIA MOCK	PAPER 1 FULL TEST
10	ALL INDIA MOCK	PAPER 2 FULL TEST

1. Exam will be held on every Wednesday except on 03/11/2021 due to Diwali holidays
2. The test schedule follows 6+2+2 pattern, 6 section test, and 2 full tests will be evaluated, and the next 2 full tests conducted along with all India mock test.
3. Orientation – one overall orientation will be given for entire paper 1 and paper 2
4. The test will be followed by a Video discussion
5. A model answer Key document will be provided
6. Test paper will be evaluated, and feedback will be provided within the timeline of maximum 10 days and minimum 7 days
7. Tests will be conducted both offline and online mode

Timings : 2 pm to 5 pm followed by Discussion at 5:30 pm on the same day.

Begins on : 27 October 2021

Fees : New Students : 6500/-
Old Students : 4500/-

FREE for DEC 2020 Geography Optional Aspirants [kindly check their fee receipt and data before Enrolling].