

# GEOGRAPHY

## MAINS TEST SERIES 2024

TEST SERIES *cum* MENTORSHIP PROGRAMME



**26** NOVEMBER  
2023

GEOGRAPHY TEST SERIES

PROGRAMME FEE ₹ 10,000 + GST



Total 12 Tests: 8 Sectional & 4 Mock Tests



Elaborate Discussion after each test



Detailed Model Answer Hints



Copy Evaluation & Discussion

- After submission of Copy, Evaluation will be done within a week.
- After Copy Evaluation One to One Discussion with Faculty will be conducted

Mentor:

**ANURAG PATHAK  
& DR. PRAVEEN KUMAR**



**8448496262**



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# TEST SCHEDULE

TEST NO. & DATE	TEST TOPICS
<b>TEST - 01</b> <hr/> <b>26 NOVEMBER, 2023</b>	<ul style="list-style-type: none"> <li>◉ <b>Oceanography</b>            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; Marine resources: biotic, mineral and energy resources; Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution.</li> <li>◉ <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 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.</li> </ul>
<b>TEST - 02</b> <hr/> <b>03 DECEMBER, 2023</b>	<ul style="list-style-type: none"> <li>◉ <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;</li> </ul>

TEST NO. & DATE	TEST TOPICS
	<p>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><b>TEST - 03</b></p> <hr/> <p><b>10 DECEMBER, 2023</b></p>	<ul style="list-style-type: none"> <li>◉ <b>Perspectives in Human Geography</b> <p>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.</p> </li> <li>◉ <b>Biogeography</b> <p>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; agro-forestry; Wild life; Major gene pool centres.</p> </li> <li>◉ <b>Economic Geography</b> <p>World economic development: measurement and problems; World resources and their distribution; Energy crisis; the 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> </li> <li>◉ <b>Environmental Geography</b> <p>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</p> </li> </ul>

TEST NO. & DATE	TEST TOPICS
	<p>degradation, management and conservation; Biodiversity and sustainable development; Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation.</p>
<b>TEST - 04</b> <hr/> <b>17 DECEMBER, 2023</b>	<ul style="list-style-type: none"> <li>◉ <b>Regional Planning</b>            Concept of a region; types of regions and methods of regionalisation; growth centres and growth poles; regional imbalances; environmental issues in regional planning; planning for sustainable development.</li> <li>◉ <b>Models, Theories and Laws in Human Geography</b>            System analysis in Human Geography; Malthusian, Marxian and Demographic Transition models; Central Place theories of Christaller and Losch; Von Thunen's model of agricultural location; Weber's model of industrial location; Rostov's model of stages of growth. Heart-land and Rimland theories; laws of international boundaries and frontiers.</li> <li>◉ <b>Population Settlement &amp; Models in 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 urbanization; Sustainable development of cities.</li> </ul>
<b>TEST - 05</b> <hr/> <b>24 DECEMBER, 2023</b>	<ul style="list-style-type: none"> <li>◉ <b>Physical Setting</b>            Space relationship of India with neighboring countries; Structure and relief; Drainage system and watersheds; Physiographic regions; Mechanism of Indian monsoons</li> </ul>

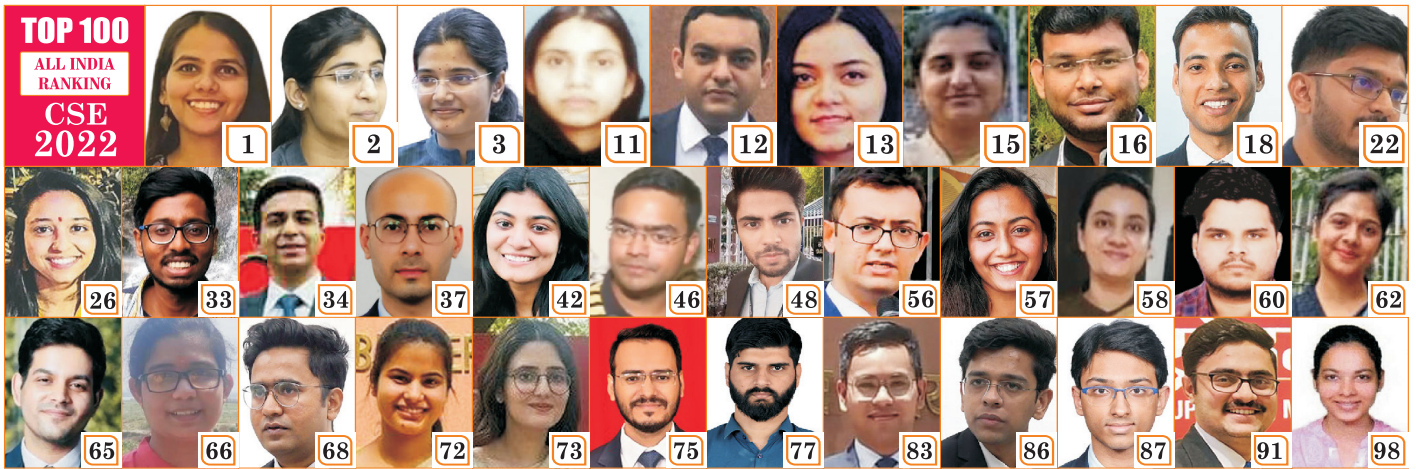
TEST NO. & DATE	TEST TOPICS
<b>TEST - 06</b> <b>31 DECEMBER,</b> <b>2023</b>	<p>and rainfall patterns, Tropical cyclones and western disturbances; Floods and droughts; Climatic regions; Natural vegetation; Soil types and their distributions.</p> <ul style="list-style-type: none"> <li>◉ <b>Resources</b></li> </ul> <p>Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.</p>
	<ul style="list-style-type: none"> <li>◉ <b>Agriculture</b></li> </ul> <p>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 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> <ul style="list-style-type: none"> <li>◉ <b>Cultural Setting</b></li> </ul> <p>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> <ul style="list-style-type: none"> <li>◉ <b>Settlement</b></li> </ul> <p>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>

TEST NO. & DATE	TEST TOPICS
<b>TEST - 07</b> <hr/> <b>07 JANUARY, 2024</b>	<ul style="list-style-type: none"> <li>◉ <b>Industry</b>            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.</li> <li>◉ <b>Trade transport &amp; Communication</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 programme.</li> <li>◉ <b>Regional Development Planning</b>            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.</li> </ul>
<b>TEST - 08</b> <hr/> <b>21 JANUARY, 2024</b>	<ul style="list-style-type: none"> <li>◉ <b>Political Aspect</b>            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.</li> <li>◉ <b>Contemporary Issues</b>            Ecological issues: Environmental hazards: landslides earth quakes , Tsunamis , floods and droughts, epidemics;</li> </ul>

TEST NO. & DATE	TEST TOPICS
	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.
AFTER PRELIMS	
TEST - 09	◉ FULL LENGTH TEST - 01
TEST - 10	◉ FULL LENGTH TEST - 02
TEST - 11	◉ FULL LENGTH TEST - 03
TEST - 12	◉ FULL LENGTH TEST - 04







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