

# GEOGRAPHY

## MAINS TEST SERIES 2024

by **Prince Mishra Sir**

-  Total 18 Tests: 12 Sectional & 6 Mock Tests
-  Elaborate Discussion after each test
-  Contemporary Issues Material Included
-  Detailed Model Hint Included
-  One to one Discussion with **Prince Sir** for mark Improvement

**BATCH START**  
25 JUNE  
2023

**PROGRAMME**

**FEE ₹ 13000**

 **730-388-1694**



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# TEST SCHEDULE

TEST NO.	DATE	TEST TOPICS
TEST - 1	25 <sup>th</sup> June	<p>➤ <b>Geomorphology</b></p> <p>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>

<b>TEST - 2</b>	<b>9<sup>th</sup> July</b>	<p>➤ <b>Climatology</b></p> <p>Temperature and pressure belts of the world; Heat budget of the earth; Atmospheric circulation; atmospheric stability and instability.</p> <p>Planetary and local winds; Monsoons and jet streams; Air masses and frontogenesis, 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>
<b>TEST - 3</b>	<b>16<sup>th</sup> July</b>	<p>➤ <b>Oceanography</b></p> <p>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.</p>

**TEST - 4**

**6<sup>th</sup>  
August**

➤ **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; agro-forestry; Wild life; Major gene pool centres.

➤ **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.

<b>TEST -5</b>	<b>20<sup>th</sup> August</b>	<b>➤ Physical Setting</b> 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.
<b>TEST - 6</b>	<b>3<sup>rd</sup> September</b>	<b>➤ Perspective in Human Geography</b> 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.
<b>TEST - 7</b>	<b>17<sup>th</sup> September</b>	<b>➤ Population 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.

<p><b>TEST - 7</b></p>	<p><b>17<sup>th</sup> September</b></p>	<p>➤ <b>Cultural Setting</b></p> <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>
<p><b>TEST - 8</b></p>	<p><b>1<sup>st</sup> October</b></p>	<p>➤ <b>Settlements Geography</b></p> <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> <p>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>

**TEST - 9**

**15<sup>th</sup>  
October**

➤ **Economic Geography**

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.

➤ **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 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>➤ <b>Resources</b></p> <p>Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.</p>
<p><b>TEST - 10</b></p>	<p><b>5<sup>th</sup> November</b></p>	<p>➤ <b>Industry</b></p> <p>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>➤ <b>Trade, Transport and Communication</b></p> <p>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>

		<p>➤ <b>Models &amp; Theories</b></p> <p>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.</p>
<p><b>TEST - 11</b></p>	<p><b>12<sup>th</sup> November</b></p>	<p>➤ <b>Regional Planning</b></p> <p>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.</p> <p>➤ <b>Regional Development and Planning</b></p> <p>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>

**TEST - 12**

**26<sup>th</sup>  
November**

➤ **Political Geography**

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.

➤ **Contemporary Issues**

Ecological issues: Environmental hazards: landslides earth quakes , 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.

<b>Mock 1</b>	<b>17<sup>th</sup> December</b>	<b>Mock 1 Paper 1</b>
<b>Mock 2</b>	<b>7<sup>th</sup> January</b>	<b>Mock 2 Paper 2</b>
<b>Mock 3</b>	<b>21<sup>st</sup> January</b>	<b>Mock 3 Paper 1</b>
<b>Mock 4</b>	<b>11<sup>th</sup> February</b>	<b>Mock 4 Paper 2</b>
<b>Mock 5</b>	<b>25<sup>th</sup> February</b>	<b>Mock 5 Paper 1</b>
<b>Mock 6</b>	<b>25<sup>th</sup> February</b>	<b>Mock 6 Paper 2</b>

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