



GEOGRAPHY MAINS TEST SERIES 2023

TEST SERIES cum MENTORSHIP PROGRAMME





- Total 12 Tests: 8 Sectional
- P 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

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Mentor: ANURAG PATHAK



TEST SCHEDULE

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TEST NO. & DATE	TEST TOPICS	
	• C	ceanography
	C sa N C	ottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and alt budgets, Ocean deposits; Waves, currents and tides; Marine resources: biotic, mineral and energy resources; Foral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution.
TEST - 01	₀ C	limatology
18 JUNE, 2023	0	emperature and pressure belts of the world; Heat budget f the earth; Atmospheric circulation; atmospheric tability and instability.
	A cy a cl	lanetary and local winds; Monsoons and jet streams; ir masses and fronto genesis, Temperate and tropical yclones; Types and distribution of precipitation; Weather nd Climate; Koppen's, Thornthwaite's and Trewartha's lassification of world climates; Hydrological cycle; Global limatic change and role and response of man in climatic hanges, Applied climatology and Urban climate.
	• G	ieomorphology
TEST - 02 25 JUNE, 2023	a e	actors controlling landform development; endogenetic nd exogenetic forces; Origin and evolution of the arth's crust; Fundamentals of geomagnetism; Physical onditions of the earth's interior;

TEST SERIES-2023

TEST NO. & DATE	TE	ST TOPICS
		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.
	o	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.
	o	Biogeography
TEST - 03		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.
02 JULY, 2023	o	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.
	o	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

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TEST NO. & DATE	TE	ST TOPICS
		degradation, management and conservation; Biodiversity and sustainable development; Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation.
	o	Regional Planning
		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.
	o	Models, Theories and Laws in Human Geography
TEST - 04		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.
09 JULY, 2023	o	Population Settlement & Models in 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.
	0	Physical Setting
TEST - 05 16 JULY, 2023		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.

TEST SERIES-2023

TEST NO. & DATE	TE	ST TOPICS
	o	Resources
		Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.
	o	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.
	o	Cultural Setting
TEST - 06 23 JULY, 2023		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.
	o	Settlement
		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.
	o	Industry
TEST - 07 30 JULY, 2023		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

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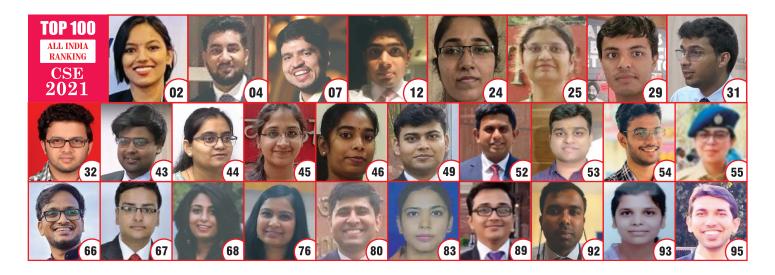
TEST NO. & DATE	TEST TOPICS	
		regionalisation; New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco -tourism.
	o	Trade transport & Communication
		Road, railway, waterway, airway and pipeline networks and their complementary roles in regional development; 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.
	o	Regional Development 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.
	0	Political Aspect
TEST - 08		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.
06 AUGUST, 2023	o	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;

TEST SERIES-2023

TEST NO. & DATE	TEST TOPICS
	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.
TEST - 09	
13 AUGUST, 2023	 FULL LENGTH TEST - 01
TEST - 10	
13 AUGUST, 2023	o FULL LENGTH TEST - 02
TEST - 11	
20 AUGUST, 2023	◎ FULL LENGTH TEST - 03
TEST - 12	
20 AUGUST, 2023	o FULL LENGTH TEST - 04







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