

IAS 2024

GEOGRAPHY **MAINS TEST SERIES 2024**

TEST SERIES CHUM MENTORSHIP PROGRAMME



ANSWER WRITING



COPY **EVALUATION**



PERSONALIZED MENTORSHIP



Total 12 Tests: 8 Sectional & 4 Mock Tests



Ç⇒ Pre-test and Post-test △ △ Mentorship to Identify target area and Improvement



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



GEOGRAPHY TEST SERIES 12000 +GST with GEOGRAPHY ADVANCE 17000 +GST



JULY, 2024



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Mentor: ANURAG PATHAK



TEST **SCHEDULE**

TEST NO. & DATE

TEST TOPICS

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; Marine resources: biotic, mineral and energy resources; Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution.

TEST - 01 25 JULY, 2024

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.

Geomorphology

TEST - 02 28 JULY, 2024 Factorscontrollinglandformdevelopment; 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.



TEST NO. & DATE	TE	ST TOPICS
TEST NO. & DATE		
	0	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.
	0	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.
TEST - 03	0	Economic Geography
01 AUGUST, 2024		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.
	0	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.
	0	Regional Planning
TEST - 04 04 AUGUST, 2024		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.



TECT NO 9 DATE	TE	CT TODICC
TEST NO. & DATE		ST TOPICS
	0	Models, Theories and Laws in Human Geography
		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.
	0	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 11 AUGUST, 2024		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.
	0	Resources
		Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.
	0	Agriculture
TEST - 06 18 AUGUST, 2024		Infrastructure: irrigation, seeds, fertilizers, power; Institutional factors: land holdings, land tenure and land reforms; Cropping pattern, agricultural productivity,



TEST NO. & DATE	TEST TOPICS
TEST NO. & DATE	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.
	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: sex-ratio, age structure, literacy rate, workforce, dependency ratio, longevity; migration (interregional, intra-regional and international) and associated problems; Population problems and policies; Health indicators.
	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	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.
21 AUGUST, 2024	 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.



TEST NO. & DATE	TEST TOPICS	
TEST NO. & DATE	 Regional Development Planning Experience of regional planning in India; Five Yea 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. Political Aspect Geographical basis of Indian federalism; State reorganisation; Emergence of new states; Regional 	s; d g al al
	consciousness and interstate issues; international boundary of India and related issues; Cross borde terrorism; India's role in world affairs; Geopolitics of South Asia and Indian Ocean realm. Contemporary Issues	al er
TEST - 08 25 AUGUST, 2024	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 foot 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	s, n; of al d n, of s e
TEST - 09 28 AUGUST, 2024	⊚ MOCK: 1 (PAPER: I)	
TEST - 10 28 AUGUST, 2024	o MOCK: 2 (PAPER: 2)	
TEST - 11 01 SEPT, 2024	MOCK: 3 (PAPER: I)	
TEST - 12 01 SEPT, 2024	⊚ MOCK: 4 (PAPER: 2)	



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TOP 100 ALL INDIA RANKING CSE 2023



