

IAS **MAINS** 2025

MAINS MENTORSHIP PROGRAMME

GEOGRAPHY OPTIONAL

Revision & Answer Writing through Mentorship in

(45 SESSIONS) OF **CONCEPT CLASSES**

THEMATIC COVERAGE OF PYOs AS PER SYLLABUS.

TOPICAL TEST

SECTIONAL TEST

FULL MOCK TESTS (As per UPSC Standards)



Flexibility to Write Tests as per your self-study.



Topical Test Discussion & Post-Test Mentorship Sessions for Marks **Improvement**

Mentor: KRISHNA GUPTA

TEST STARTS



9:00 AM ONWARDS **COURSE FEE**

₹ 15,000 (+GST)









PROGRAMME FEATURE

01

FLEXIBLE SELF-PACED TESTS

Take tests according to your pace and preference, aligning with your own study schedule or our expertly designed-timeline.

02

COMPLETE GEOGRAPHY SYLLABUS COVERAGE

The entire syllabus of the Geography Optional will be covered through Revision, Answer Writing & Mentorship in 2.5 Months.

03

APPROACH & TREND ANALYSIS SESSIONS

It will focus on orienting the students with Papers 1 & 2 and the methodology required as per the demands of the UPSC.

04

CONCEPT BUILDING & ANSWER WRITING APPROACH

Emphasis on Conceptual Building, Clarity, and Answer Writing Approach for Papers 1 & 2.

05

PYQs DISCUSSIONS

Topic-wise PYQ Discussions to understand the trend of a particular topic.

06

ANSWER WRITING PRACTICE SKILLING

Designed to enhance the skill of articulating answers in sync with the conceptual requirement of the question.

07

PERSONALIZED MENTORSHIP

The Post-Test Mentorship Session will be conducted after each Topical Test for conceptual clarity, marks improvement and personalized feedback.



SESSION PLAN

WEEK & SESSIONS		TOPICS	
	PHYSICAL GEOGRAPHY		
[APPROACH CLASS: 01	Approach to Geography Optional (Paper: 1)	
W: 01	APPROACH CLASS: 02	Approach to Geography Optional (Paper: 2)	
>	TREND ANALYSIS	Trend Analysis of Geo Optioanl (Paper 1&2)	
	1. (CLIMATOLOGY	
: 02	CONCEPT CLASS: 01	 Heat budget of the earth; Temperature and pressure belts of the world; Atmospheric Circulation; Planetary and local winds; Monsoons and jet streams; Physical Setting (Paper II): Mechanism of Indian monsoons and rainfall patterns, Monsoon - New monsoon forecast model, role of Asian desert dust over Indian summer monsoon, 	
WEEK: 02		monsoon shifts	
WE	CONCEPT CLASS: 03	 Atmospheric stability and instability; Air masses and frontogenesis: temperate and tropical cyclones; Types and distribution of precipitation; Hydrological cycle; Physical Setting (Paper II): Tropical cyclones and western disturbances (India); Physical Setting (Paper II): Floods and droughts (India); 	





	WEEK & SESSIONS	TOPICS
		 Cyclone Amphan Tropical cyclones move closer to land except for Atlantic hurricanes Increasing lighting strikes a cause of concern for the world Floods in Europe and lessons for India Flood management – with special reference to India-Nepal, GLOF Flash droughts in India
WEEK: 02	CONCEPT CLASS: 04	 Koppen's, Thornthwaite's and Trewartha's classification of world climates; Global climatic change and role and response of man in climatic changes, Applied climatology and Urban climate 6th IPCC report Climate partnership with US Green contracts Net-Zero, Caron-neutrality (Why is it difficult for India to get to net zero), Climate justice Green era Kigali Amendment ratification India's Climate Performance Arctic Heatwave Arctic policy Draft of India Effect of climate on Pantanal world largest tropical wetland Changing Climate, Changing Ocean, Changing Planet
	PYQ	PYQs Discussion: 01
	TOPICAL TEST	Topical Test: 1
	2.	GEOMORPHOLOGY
	CONCEPT CLASS: 05	 Origin and evolution of the earth's crust; Physical conditions of the earth's interior; Fundamentals of geomagnetism;

	WEEK & SESSIONS	TOPICS
		 Sun's mid-life crisis Role of neutrinos in supernovas Jhuran Formation of Kutch
02	CONCEPT CLASS: 06	 Continental Drift Seafloor Spreading Plate Tectonics
WEEK:	CONCEPT CLASS: 07	 Vulcanicity; Earthquakes and Tsunamis; Contemporary Issues (Paper II): Environmental hazards: Landslides, Earthquakes, Tsunamis Vulnerability of North East India to large earthquakes Landslips in Himachal Pradesh, Nandi hills
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 01
	TOPICAL TEST	Topical Test: 2
	CONCEPT CLASS: 08	 Recent views on mountain building; Geosynclines; Isostasy;
	CONCEPT CLASS: 09	 Factors controlling landform development; endogenetic and exogenetic forces;
WEEK: 03	CONCEPT CLASS: 10	 Concepts of geomorphic cycles and Landscape development; Denudation chronology; Channel morphology; Erosion surfaces; Slope development;
/EE	POST TEST MENTORSHIP	MENTORSHIP SESSION: 02
5	TOPICAL TEST	Topical Test: 3
	CONCEPT CLASS: 11	 Physical Setting (Paper II): Structure and relief; Drainage system and watersheds; Physiographic regions;
	CONCEPT CLASS: 12	 Applied Geomorphology: Geohydrology, economic geology and environment.
	PYQ	PYQs Discussion: 02



	WEEK & SESSIONS	TOPICS
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 03
	TOPICAL TEST	Topical Test: 4
	3	B. OCEANOGRAPHY
	CONCEPT CLASS: 13	 Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and salt budgets Waves, currents and tides; Atlantic Meridional Overturning Circulation
		(AMOC) • Marine Heat Waves
76		 Marine resources: biotic, mineral and energy resources; Ocean deposits; India's deep ocean mission
WEEK: 04	CONCEPT CLASS: 15	 Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution. UNCLOS and marine security Sea level rise Great Barrier Reef Bleaching Ocean Governance: A Fragmented Regulatory Framework The Arctic Governance Challenge The Western Indian Ocean Region And The Coordinated Fight Against Land-Based Sources Of Pollution
	PYQ	PYQs Discussion: 03
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 04
	TOPICAL TEST	Topical Test: 5

	WEEK & SESSIONS	TOPICS
	4. BIOGEOGRAPHY	
	CONCEPT CLASS: 16	 Genesis of soils; Classification and distribution of soils; Soil profile; Soil erosion, Degradation and conservation; Physical Setting (Paper II): Soil types and their distributions (India) Lakshadweep and coastal erosion
		 Factors influencing world distribution of plants and animals; Problems of deforestation and conservation
97	CONCEPT CLASS: 17	measures; Wild life;
i i		 Social forestry; agro-forestry;
ı iii		Major gene pool centres.
WEEK: 04		 Physical Setting (Paper II): Natural vegetation (India) Contemporary Issues (Paper II): Changes in patterns of land use; Deforestation, desertification and soil erosion;
		 Importance of Vultures to control disease outbreak
		Human-Elephant conflict -Bee fences
		 Leatherback nesting sites could be overrun by Andamans development project
		 Beema Bamboo: Oxygen Park, solution for climate change
	PYQ	PYQ Discussion: 04
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 05
	TOPICAL TEST	Topical Test: 6
W: 05	5. ENVII	RONMENTAL GEOGRAPHY
	CONCEPT CLASS: 18	 Principle of ecology; Human ecological adaptations; Influence of man on ecology and environment; Global and regional ecological changes and imbalances;



	WEEK & SESSIONS	TOPICS
		 Desert Locust Outbreak Amazon Wildfires Chinese Paddlefish Extinction Chamoli disaster- flash floods, Glacier collapse Wildfire- Dzukou Valley, Similipal Applying The Large Marine Ecosystem Approach In The Western Indian Ocean
WEEK: 05	CONCEPT CLASS: 19	 Ecosystem their management and conservation; Environmental degradation, management and conservation; Biodiversity and sustainable development; National Marine Turtle Action Plan 2021-26 New waves in marine conservation Integrated Development of Wildlife Habitats Biodiversity issues- Saving biodiversity, securing earth's future Contribution of Individual in Biodiversity Conservation: Cleaning of Vembanad lake by a paralysed man A Regional Approach To Marine Environmental Protection: The "Regional Seas" Experience
	CONCEPT CLASS: 20	 Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation. Contemporary Issues (Paper II): Ecological issues; Environmental degradation; Issues relating to environmental pollution; Contemporary Issues (Paper II): Principles of environmental impact assessment and environmental management Contemporary Issues (Paper II): Environmental awareness; Plastic pollution Destruction of Sundarbans, Sundarbans is now drowning in plastic

WEEK & SESSIONS		TOPICS
		 Delhi's Air pollution Issues, solutions, smog tower, WHO tightens global air quality norms Role of Environmental regulators (in backdrop of EIA issues) Pandemic exposes weaknesses in India's disaster Management Response Furnace oil from Titanium factory spills into sea
	PYQ	PYQ Discussion: 05
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 06
	TOPICAL TEST	Topical Test: 7
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 07
	SECTIONAL TEST	SECTIONAL TEST 1: PHYSICAL GEOGRAPHY (COMPLETE PHYSICAL GEOGRAPHY)
: 05	HUMAN & ECONOMIC GEOGRAPHY	
EX	6. PERSPECTIVES IN HUMAN GEOGRAPHY	
WEEK:	CONCEPT CLASS: 21	Areal differentiation;Regional synthesis;Dichotomy and dualism;
	CONCEPT CLASS: 22	 Environmentalism; Quantitative revolution and behavioural approach radical, human and welfare approaches;
	CONCEPT CLASS: 23	 Locational analysis; Languages, religions and secularisation; Cultural regions of the world; Human development index.
	CONCEPT CLASS: 24	 Cultural Setting (Paper II): Historical Perspective of Indian Society; Cultural Setting (Paper II): Racial, linguistic and ethnic diversities; religious minorities; major tribes, tribal areas and their problems; Cultural Setting (Paper II): Cultural regions;

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	WEEK & SESSIONS	TOPICS
: 5	PYQ	PYQs Discussion: 06
W: 5	TOPICAL TEST	Topical Test: 8
	7. EC	ONOMIC GEOGRAPHY
	CONCEPT CLASS: 25	 World economic development: measurement and problems; World resources and their distribution; Resources (Paper II): Land, surface and groundwater, energy, minerals, biotic and marine resources; Water pollution Zero Liquid Discharge (ZLD) Jal Shakti Abhiyan: Catch the Rain Campaign Modernisation of fishing harbours India Energy Outlook 2021
90		○ OCEAN IRON FERTILISATION
WEEK: 06	CONCEPT CLASS: 26	 Resources (Paper II): Forest and wildlife resources and their conservation; The limits to growth; Energy crisis; Resources (Paper II): Energy crisis Renewable energy - Clean energy One Nation One Gas Grid Geothermal Energy Solar Rooftop (SRT) System Profitable DISCOMS- key to Uninterrupted power supply Incentives for solar energy sector National Hydrogen Energy Mission (NHEM) Shutting down coal plants
	CONCEPT CLASS: 27	 World agriculture: typology of agricultural regions; Agriculture (Paper II): Agricultural regionalisation; agro-climatic zones; agro- ecological regions.

	WEEK & SESSIONS	TOPICS
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 08
	TOPICAL TEST	Topical Test: 9
	CONCEPT CLASS: 28	 Agricultural inputs and productivity; Agriculture (Paper II): Cropping pattern, agricultural productivity, agricultural intensity, crop combination, land capability; Agriculture (Paper II): Institutional factors: land holdings, land tenure and land reforms; Agriculture (Paper II): Infrastructure: irrigation, seeds, fertilizers, power; Changing Cropping Pattern Role of women farmers in Agriculture Overcoming Water challenge in agriculture Climate-resilient grains Environmental impact of Agricultural Subsidies
WEEK: 06	CONCEPT CLASS: 29	 Food and nutrition problems; Food security; Famine: causes, effects and remedies; Contemporary Issues (Paper II): Population explosion and food security; Agriculture (Paper II): Green revolution and its socio-economic and ecological implications; Agro and social-forestry; Agriculture (Paper II): Significance of dry farming; Livestock resources and white revolution; aqua-culture; sericulture, apiculture and poultry; Contemporary Issues (Paper II): Problems of agrarian unrest Dairy Farming: Methane Emission Blue Economy: Fisheries & Seaweed Farming National Mission on Edible Oil-Oil Palm (NMEO-OP) Palm oil cultivation Issues Community Forest Rights Issues with coffee production Sub-Mission on Fodder and Feed



	WEEK & SESSIONS	TOPICS
		Bhartiya Prakritik Krishi Paddhati (BPKP)
		 Government response of Food crisis during Covid-19
		 World industries: locational patterns and problems; Industry (Paper II): Evolution of industries; Locational factors of cotton, jute, textile, iron and steel, aluminium, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agrobased industries;
	CONCEPT CLASS: 30	 Contemporary Issues (Paper II): Problems of industrial unrest;
		 Food Processing Sector- Key to agricultural Growth
		 Ailing Sugar Industries and Sugar Pricing Issues
		 Changing nature of Automobile Industries in the backdrop of EV vehicles
90		Two-wheeler electrification in India
₩		Patterns of world trade.
WEEK: 06	CONCEPT CLASS: 31	 Transport, Communication and Trade (Paper II): Trade balance; Trade Policy; Export processing zones;
>		 Industry (Paper II): Industrial houses and complexes including public sector undertakings;
		 Transport, Communication and Trade (Paper II): Road, railway, waterway, airway and pipeline networks and their complementary roles in regional development; Growing importance of ports on national and foreign trade;
		 Industry (Paper II): New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco-tourism.
		 Contemporary Issues (Paper II): Globalisation and Indian economy.
		 Major Port Authorities Act, 2021 + Draft Indian Ports Bill, 2021
		 Regional Rapid Transit System
		o Odisha's coastal highway
		AERA Act Amendment – Way to boost up Air Transport

	WEEK & SESSIONS	TOPICS
90	PYQ	PYQs Discussion: 07
W: 0	POST TEST MENTORSHIP	MENTORSHIP SESSION: 09
>	TOPICAL TEST	Topical Test: 10
	8. POPULATIO	N AND SETTLEMENT GEOGRAPHY
EEK: 07	CONCEPT CLASS: 32	 Concepts of over-, under- and optimum population; Population theories, world population problems and policies, Social well-being and quality of life; Malthusian, Marxian and Demographic Transition models;
	CONCEPT CLASS: 33	 Growth and distribution of world population; Cultural Setting (Paper II): Growth, distribution and density of population; Demographic attributes; Cultural Setting (Paper II): Demographic attributes: sex ratio, age structure, literacy rate, work-force, dependency ratio, longevity; A step back in gender equality Role of advertisements in Gender equality Social and emotional learning
S	CONCEPT CLASS: 34	 Causes and consequences of migration; Cultural Setting (Paper II): Migration (interregional, intra-regional and international) and associated problems; Transport, Communication and Trade (Paper II): Developments in communication and information technology and their impacts on economy and society; Reverse Migration National migrant policy: A good first draft Cultural Setting (Paper II): Population problems and policies; Health indicators. Population as social capital COVID-19 Pandemic



	WEEK & SESSIONS	TOPICS
		 Lesson from China's One child policy UP Government Draft of two child policy Rising youth population Caste census Issues
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 10
	TOPICAL TEST	Topical Test: 11
	CONCEPT CLASS: 35	 Types and patterns of rural settlements; Settlements (Paper II): Types, patterns and morphology of rural settlements; Environmental issues in rural settlements;
WEEK: 07	CONCEPT CLASS: 36	 Hierarchy of urban settlements; Urban morphology: Concepts of primate city and rank-size rule; Functional classification of towns; Settlements (Paper II): Urban developments; Morphology of Indian cities; Functional classification of Indian cities; Sphere of urban influence; Rural urban fringe; Satellite towns; Settlements (Paper II): Conurbations and metropolitan regions; urban sprawl;.
	CONCEPT CLASS: 37	 Problems and remedies of urbanization; Settlements (Paper II): Slums and associated problems; town planning; Settlements (Paper II): Problems of urbanization and remedies. Sustainable development of cities Swachh Bharat 2.0 missions for urban areas Wetland mitras Roadmap to decongest urban road from Delhi's projects
	PYQ	PYQs Discussion: 08
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 11
	TOPICAL TEST	Topical Test: 12

	WEEK & SESSIONS	TOPICS		
	9. REGIONAL DEVELOPMENT AND PLANNING			
WEEK: 08	CONCEPT CLASS: 38	 Concept of a region; Types of regions and methods of regionalisation; Perroux and Boudeville; Growth centres and growth poles; 		
	CONCEPT CLASS: 39	 Political Aspects (Paper II): State reorganisation; Emergence of new states; Regional consciousness and interstate issues; Regional Development and Planning (Paper II): Experience of regional planning in India; Five Year Plans; Regional Development and Planning (Paper II): Multi-level planning; Regional Development and Planning (Paper II): Panchayati Raj and decentralised planning; 		
	CONCEPT CLASS: 40	 Regional imbalances; Regional Development and Planning (Paper II): Integrated rural development programmes; Regional Development and Planning (Paper II): Command area development; Watershed management; The problem of ageing dams Mekedatu project controversy 		
	CONCEPT CLASS: 41	 Regional Development and Planning (Paper II): Planning for backward area, desert, drought prone, hill, tribal area development; Regional Development and Planning (Paper II): Regional planning and development of island territories. Contemporary Issues (Paper II): Regional disparities in economic development; JalJeevan Mission Sustainable Development of Little Andaman Island Island Development- Lakshadweep's draft rules 		



WEEK & SESSIONS		TOPICS
WEEK: 08		 School education system- Performance Grading Index (PGI) Environmental issues in regional planning; Planning for sustainable development. Contemporary Issues (Paper II): Concept of sustainable growth and development; National climate vulnerability assessment NITI Aayog's 2020 SDG Index States performance in education, health and clean energy
	PYQ	PYQs Discussion: 09
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 12
	TOPICAL TEST	Topical Test: 13
>	10. MODELS, THEOR	RIES AND LAWS IN HUMAN GEOGRAPHY
	CONCEPT CLASS: 42	 System analysis in Human Geography; 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.
	CONCEPT CLASS: 43	 Heart-land and Rimland theories; Laws of international boundaries and frontiers. Physical Setting (Paper II): Space relationship of India with neighboring countries;
WEEK: 09	CONCEPT CLASS: 44	 Political Aspects (Paper II): International boundary of India and related issues; Political Aspects (Paper II): Cross border terrorism; Political Aspects (Paper II): India's role in world affairs; Political Aspects (Paper II): Geopolitics of South Asia and Indian Ocean realm. Indian Ocean Geo-politics SAGAR

WEEK & SESSIONS		TOPICS
WEEK: 09		 New rules governing power trade across its borders Quad Maritime Security China's claim of south china sea as territorial water
	PYQ	PYQs Discussion: 10
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 13
	12. N	MISCELLANEOUS ISSUES
		 Political Aspects (Paper II): Geographical basis of Indian federalism;
		 Transport, Communication and Trade (Paper II): Indian space programme.
		 Contemporary Issues (Paper II): Linkage of rivers;
	CONCEPT CLASS: 45	 Diversion of River water for developmental projects- Experts flag diversion of fresh water from Brahmani river
		 River Interlinking, A huge, costly mistake: Ken- Betwa project
		River-interlinking, Solution or problem
	TOPICAL TEST	Topical Test: 14
	POST TEST MENTORSHIP	MENTORSHIP SESSION: 14
	SECTIONAL TEST	SECTIONAL TEST 02: HUMAN & ECONOMIC GEOGRAPHY
0		MOCK TESTS
WEEK: 10	Mock - 1	PAPER - 1 (COMPLETE SYLLABUS)
	Mock - 2	PAPER - 2 (COMPLETE SYLLABUS)
	Mock - 3	PAPER - 1 (COMPLETE SYLLABUS)
	Mock - 4	PAPER - 2 (COMPLETE SYLLABUS)



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