



ANSWER WRITING MENTORSHIP PROGRAMME **GEOGRAPHY COMPLETE SYLLABUS** through COMPLETE SYLLABUS through CONCEPT CLASSES, ANSWER WRITING & MENTORSHIP



Mentor: ANURAG PATHAK & KRISHNA GUPTA







APPROACH & TREND ANALYSIS SESSIONS

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

CONCEPT BUILDING & ANSWER WRITING APPROACH 65+ Hrs Emphasis on Conceptual building, Clarity and Answer Writing Approach for Paper 1 & 2.



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COMPLETE GEOGRAPHY SYLLABUS COVERAGE

Through **20+ Tests & 250+ Questions**, entire Geography Syllabus will be covered.



PERSONALISED MENTORSHIP

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

PYQs DISCUSSION

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



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ANSWER WRITING PRACTICE SKILLING

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

GRADUAL ASSESSMENT & IMPROVEMENT

For gradual improvement and revision, the programme is divided into Topical Tests, Sectional Tests and Full Mock Tests.

GEOGRAPHY CA

SESSION PLAN

PHYSICAL GEOGRAPHY

SESSION	TOPICS
APPROACH CLASS: 01 21 JULY, 2024	Approach to Geography Optional (Paper: 1)
APPROACH CLASS: 02 22 JULY, 2024	Approach to Geography Optional (Paper. 2)
TREND ANALYSIS 23 JULY, 2024	Trend Analysis of Geo Optioanl (Paper 1&2)
1. CLIMATOLOGY	
CONCEPT CLASS: 01 24 JULY, 2024	 Heat budget of the earth; Temperature and pressure belts of the world; Atmospheric Circulation; Planetary and local winds;
CONCEPT CLASS: 02 25 JULY, 2024	 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, monsoon shifts
CONCEPT CLASS: 03 29 JULY, 2024	 Atmospheric stability and instability; Air masses and frontogenesis: temperate and tropical cyclones; Types and distribution of precipitation;



SESSION	TOPICS
	 Hydrological cycle; Physical Setting (Paper II): Tropical cyclones and western disturbances (India); Physical Setting (Paper II): Floods and droughts (India); 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
CONCEPT CLASS: 04 30 JULY, 2024	 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 02 AUGUST, 2024	PYQs Discussion: 01

SESSION	TOPICS
TOPICAL TEST 04 AUGUST, 2024	Topical Test: 1
2	2. GEOMORPHOLOGY
CONCEPT CLASS: 05 05 AUGUST, 2024	 Origin and evolution of the earth's crust; Physical conditions of the earth's interior; Fundamentals of geomagnetism; Sun's mid-life crisis Role of neutrinos in supernovas Jhuran Formation of Kutch
CONCEPT CLASS: 06 06 AUGUST, 2024	 Continental Drift Seafloor Spreading Plate Tectonics
CONCEPT CLASS: 07 07 AUGUST, 2024	 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 10 AUGUST, 2024	MENTORSHIP SESSION: 01
TOPICAL TEST 11 AUGUST, 2024	Topical Test: 2
CONCEPT CLASS: 08 12 AUGUST, 2024	 Recent views on mountain building; Geosynclines; Isostasy;
CONCEPT CLASS: 09 13 AUGUST, 2024	 Factors controlling landform development; endogenetic and exogenetic forces;
CONCEPT CLASS: 10 14 AUGUST, 2024	 Concepts of geomorphic cycles and Landscape development; Denudation chronology; Channel morphology; Erosion surfaces; Slope development;



SESSION	TOPICS
POST TEST MENTORSHIP 17 AUGUST, 2024	MENTORSHIP SESSION: 02
TOPICAL TEST 18 AUGUST, 2024	Topical Test: 3
CONCEPT CLASS: 11 19 AUGUST, 2024	 Physical Setting (Paper II): Structure and relief; Drainage system and watersheds; Physiographic regions;
CONCEPT CLASS: 12 20 AUGUST, 2024	 Applied Geomorphology: Geohydrology, economic geology and environment.
PYQ 23 AUGUST, 2024	PYQs Discussion: 02
POST TEST MENTORSHIP 24 AUGUST, 2024	MENTORSHIP SESSION: 03
TOPICAL TEST 25 AUGUST, 2024	Topical Test: 4
	3. OCEANOGRAPHY
CONCEPT CLASS: 13 26 AUGUST, 2024	 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
CONCEPT CLASS: 14 27 AUGUST, 2024	 Marine resources: biotic, mineral and energy resources; Ocean deposits; India's deep ocean mission
CONCEPT CLASS: 15 28 AUGUST, 2024	 Coral reefs, coral bleaching; sea-level changes;

SESSION	TOPICS
	 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 30 AUGUST, 2024	PYQs Discussion: 03
POST TEST MENTORSHIP 31 AUGUST, 2024	MENTORSHIP SESSION: 04
TOPICAL TEST 01 SEPTEMBER, 2024	Topical Test: 5
	4. BIOGEOGRAPHY
CONCEPT CLASS: 16 02 SEPTEMBER, 2024	 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
CONCEPT CLASS: 17 03 SEPTEMBER, 2024	 Factors influencing world distribution of plants and animals; Problems of deforestation and conservation measures; Wild life; Social forestry; agro-forestry; Major gene pool centres. Physical Setting (Paper II): Natural vegetation (India)



SESSION	TOPICS
	 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 Anda- mans development project Beema Bamboo: Oxygen Park, solution for climate change
PYQ 06 SEPTEMBER, 2024	PYQ Discussion: 04
POST TEST MENTORSHIP 07 SEPTEMBER, 2024	MENTORSHIP SESSION: 05
TOPICAL TEST 08 SEPTEMBER, 2024	Topical Test: 6
5. EN	VIRONMENTAL GEOGRAPHY
CONCEPT CLASS: 18 09 SEPTEMBER, 2024	 Principle of ecology; Human ecological adaptations; Influence of man on ecology and environment; Global and regional ecological changes and imbalances; 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
CONCEPT CLASS: 19 10 SEPTEMBER, 2024	 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

SESSION	TOPICS
	 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 11 SEPTEMBER, 2024	 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 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 Discussion: 05
13 SEPTEMBER, 2024POST TEST MENTORSHIP14 SEPTEMBER, 2024	MENTORSHIP SESSION: 06
TOPICAL TEST 15 SEPTEMBER, 2024	Topical Test: 7

SESSION	TOPICS
POST TEST MENTORSHIP 21 SEPTEMBER, 2024	MENTORSHIP SESSION: 07
SECTIONAL TEST 22 SEPTEMBER, 2024	SECTIONAL TEST 1: PHYSICAL GEOGRAPHY (COMPLETE PHYSICAL GEOGRAPHY)
HUMAN	& ECONOMIC GEOGRAPHY
6. PERSF	PECTIVES IN HUMAN GEOGRAPHY
CONCEPT CLASS: 21 23 SEPTEMBER, 2024	 Areal differentiation; Regional synthesis; Dichotomy and dualism;
CONCEPT CLASS: 22 24 SEPTEMBER, 2024	 Environmentalism; Quantitative revolution and behavioural approach radical, human and welfare approaches;
CONCEPT CLASS: 23 25 SEPTEMBER, 2024	 Locational analysis; Languages, religions and secularisation; Cultural regions of the world; Human development index.
CONCEPT CLASS: 24 26 SEPTEMBER, 2024	 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;
PYQ 27 SEPTEMBER, 2024	PYQs Discussion: 06
TOPICAL TEST 29 SEPTEMBER, 2024	Topical Test: 8

SESSION	TOPICS	
7. E	7. ECONOMIC GEOGRAPHY	
CONCEPT CLASS: 25 30 SEPTEMBER, 2024	 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 OCEAN IRON FERTILISATION 	
CONCEPT CLASS: 26 01 OCTOBER, 2024	 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 13 OCTOBER, 2024	 World agriculture: typology of agricultural regions; Agriculture (Paper II): Agricultural regionalisation; agro- climatic zones; agro- ecological regions. 	
POST TEST MENTORSHIP 05 OCTOBER, 2024	MENTORSHIP SESSION: 08	
TOPICAL TEST 06 OCTOBER, 2024	Topical Test: 9	

SESSION	TOPICS
CONCEPT CLASS: 28 07 OCTOBER, 2024	 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
CONCEPT CLASS: 29 08 OCTOBER, 2024	 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 Bhartiya Prakritik Krishi Paddhati (BPKP) Government response of Food crisis during Covid-19

SESSION	TOPICS
CONCEPT CLASS: 30 09 OCTOBER, 2024	 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 agro-based industries; Industry (Paper II): Industrial regionalisation; 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 Two-wheeler electrification in India
CONCEPT CLASS: 31 10 OCTOBER, 2024	 Patterns of world trade. 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 Odisha's coastal highway AERA Act amendment – Way to boost up Air transport
PYQ 11 OCTOBER, 2024	PYQs Discussion: 07

SESSION	TOPICS
POST TEST MENTORSHIP 12 OCTOBER, 2024	MENTORSHIP SESSION: 09
TOPICAL TEST 13 OCTOBER, 2024	Topical Test: 10
8. POPULAT	ION AND SETTLEMENT GEOGRAPHY
CONCEPT CLASS: 32 14 OCTOBER, 2024	 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 15 OCTOBER, 2024	 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
CONCEPT CLASS: 34 16 OCTOBER, 2024	 Causes and consequences of migration; Cultural Setting (Paper II): Migration (inter-regional, 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

SESSION	TOPICS
	 Lesson from China's One child policy UP Government Draft of two child policy Rising youth population Caste census Issues
POST TEST MENTORSHIP 19 OCTOBER, 2024	MENTORSHIP SESSION: 10
TOPICAL TEST 20 OCTOBER, 2024	Topical Test: 11
CONCEPT CLASS: 35 21 OCTOBER, 2024	 Types and patterns of rural settlements; Settlements (Paper II): Types, patterns and morphology of rural settlements; Environmental issues in rural settlements;
CONCEPT CLASS: 36 22 OCTOBER, 2024	 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 23 OCTOBER, 2024	 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

SESSION	TOPICS	
PYQ 25 OCTOBER, 2024	PYQs Discussion: 08	
POST TEST MENTORSHIP 26 OCTOBER, 2024	MENTORSHIP SESSION: 11	
TOPICAL TEST 27 OCTOBER, 2024	Topical Test: 12	
9. REGIONAL DEVELOPMENT AND PLANNING		
CONCEPT CLASS: 38 28 OCTOBER, 2024	 Concept of a region; Types of regions and methods of regionalisation; Perroux and Boudeville; Growth centres and growth poles; 	
CONCEPT CLASS: 39 29 OCTOBER, 2024	 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): Multi- level planning; Regional Development and Planning (Paper II): Multi- level planning; 	
CONCEPT CLASS: 40 30 OCTOBER, 2024	 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 31 OCTOBER, 20244	 Regional Development and Planning (Paper II): Planning for backward area, desert, drought prone, hill, tribal area development; 	

SESSION	TOPICS
	 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 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	
01 NOVEMBER, 2024	PYQs Discussion: 09
POST TEST MENTORSHIP 02 NOVEMBER, 2024	MENTORSHIP SESSION: 12
TOPICAL TEST 03 NOVEMBER, 2024	Topical Test: 13
10. MODELS, THE	ORIES AND LAWS IN HUMAN GEOGRAPHY
CONCEPT CLASS: 42 04 NOVEMBER, 2024	 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 05 NOVEMBER, 2024	 Heart-land and Rimland theories; Laws of international boundaries and frontiers. Physical Setting (Paper II): Space relationship of India with neighboring countries;



SESSION	TOPICS	
CONCEPT CLASS: 44 06 NOVEMBER, 2024	 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 New rules governing power trade across its borders Quad Maritime Security China's claim of south china sea as territorial water 	
PYQ 08 NOVEMBER, 2024	PYQs Discussion: 10	
POST TEST MENTORSHIP 09 NOVEMBER, 2024	MENTORSHIP SESSION: 13	
12. MISCELLANEOUS ISSUES		
CONCEPT CLASS: 45 11 NOVEMBER, 2024	 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; 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 17 NOVEMBER, 2024	Topical Test: 14	
POST TEST MENTORSHIP 23 NOVEMBER, 2024	MENTORSHIP SESSION: 14	

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SESSION	TOPICS	
SECTIONAL TEST 24 NOVEMBER, 2024	SECTIONAL TEST 02: HUMAN & ECONOMIC GEOGRAPHY	
AFTER PRELIMS		
Mock - 1	PAPER - 1 (COMPLETE SYLLABUS)	
Mock - 2	PAPER - 2 (COMPLETE SYLLABUS)	
Mock - 3	PAPER - 1 (COMPLETE SYLLABUS)	
Mock - 4	PAPER - 2 (COMPLETE SYLLABUS)	

