

GEOGRAPHY ADVANCE CLASSES

A SOLUTION for **300⁺ MARKS** through
60⁺ Hrs. of CLASSES & MENTORSHIP

MAINS
2024
CRASH
COURSE



60+ Hrs. Advance
Classes to cover
meticulously selected
topics from Paper 1 &
Paper 2



Daily Answer Writing
Practice



Previous Year
Question Discussion



Personalised
Mentorship

BATCH
STARTS

26 JULY

CLASS TIMINGS: 5:00 PM to 8:00 PM

GEO. ADVANCE

FEE: ₹ 10,000 +GST

GEO. TEST SERIES

FEE: ₹ 12,000 +GST

ADVANCE + TEST SERIES

FEE: ₹ 17,000 +GST

Mentor: **ANURAG PATHAK**



SESSION PLAN

SESSION NO. & DATE	SYLLABUS
PAPER 1	
PHYSICAL GEOGRAPHY	
SESSION - 01	<ul style="list-style-type: none"> ◉ OCEANOGRAPHY <ul style="list-style-type: none"> ▣ The causes and effects of ocean currents ▣ The physics behind waves and tides, and their effects ▣ The study of the ocean floor, plate tectonics, and seafloor mapping ▣ The chemical composition of seawater, including its acidity, salinity, and nutrient content. ▣ Marine organisms and their habitats, including the adaptations ▣ The structure and function of marine ecosystems ▣ The relationship between the ocean and climate ▣ The sources and impacts of marine pollution ▣ The ocean's potential as a source of food, energy ▣ The legal and regulatory frameworks that govern the use and management of the world's oceans
SESSION - 02	<ul style="list-style-type: none"> ◉ Biogeography <ul style="list-style-type: none"> ▣ The causes and impacts of soil degradation, including erosion, salinisation, desertification, and soil pollution.

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	<ul style="list-style-type: none"> ▣ The strategies and policies for conserving soil, including soil erosion control ▣ The factors that influence soil fertility ▣ The underlying causes of deforestation ▣ The impacts of deforestation on local and global ecosystems ▣ The strategies and policies for managing forests sustainably ▣ The tools and techniques used to monitor forest cover ▣ The restoration of degraded or deforested lands ▣ The integration of trees into agricultural systems ▣ The role of forests in meeting the needs of local communities
SESSION - 03	<ul style="list-style-type: none"> ◉ Environment Geography <ul style="list-style-type: none"> ▣ The Structure And Function Of Ecosystems ▣ The Processes That Shape Ecosystems ▣ The Development And Testing Of Models To Predict The Distribution ▣ The Relationship Between Ecosystems ▣ The Impacts Of Human Activities, Such As Deforestation ▣ The Strategies And Policies For Conserving Biodiversity And Ecosystems ▣ The Impacts Of Energy Production And Use ▣ The Concept Of Sustainability ▣ The Legal And Regulatory Frameworks That Govern Environmental Protection ▣ The Process Of Evaluating The Potential Environmental Impacts OF Development Projects ▣ The Ethical Considerations Related To Environmental Protection And Sustainability ▣ The Role Of Civil Society In Promoting Environmental Protection And sustainability

SESSION NO. & DATE	SYLLABUS
SESSION - 04	<ul style="list-style-type: none"> ◉ Climatology <ul style="list-style-type: none"> ▣ The Feedback Mechanisms That Amplify Or Dampen The Impacts Of Climate Change ▣ The Factors That Influence Atmospheric Stability And Instability ▣ The Different Types Of Air Masses ▣ The Processes That Modify Air Masses ▣ The Global Circulation Patterns ▣ The Conditions That Lead To The Formation And Development Of Temperate And Tropical Cyclones ▣ The Movement And Track Of Temperate And Tropical Cyclones ▣ The Movement Of Water On The Earth's Surface ▣ The Relationship Between Climate And Agriculture ▣ The Impacts Of Urbanisation On The Local Climate ▣ Other Climate Classification systems
SESSION - 05	<ul style="list-style-type: none"> ◉ Geomorphology <ul style="list-style-type: none"> ▣ The nature and characteristics of seismic waves, ▣ The processes of mineral and rock formation, ▣ The processes that shape the earth's surface ▣ The concept of geomorphic cycles ▣ The processes that shape river systems ▣ The concept of geomorphic thresholds ▣ The applications of the davisian and penckian models ▣ Geomorphology and land-use planning: ▣ Geomorphology and engineering ▣ Geomorphology and environmental management ▣ The concept of denudation chronology

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ▣ The concept of channel adjustment ▣ Human impacts on channel morphology
HUMAN GEOGRAPHY	
SESSION - 06	<ul style="list-style-type: none"> ○ Models and Theories <ul style="list-style-type: none"> ▣ The Malthusian Population Theory ▣ Marxian Population Theory ▣ Critiques Of Von Thunen's Model ▣ Critiques Of Weber's Model ▣ Critiques Of Rostow's Model ▣ Applicability Of Rostow's Model ▣ Critiques Of Heartland And Rimland Theories ▣ Relevance Of Heartland And Rimland Theories ▣ Applications Of Central Place Theory ▣ Modifications Of Central Place Theory
SESSION - 07	<ul style="list-style-type: none"> ○ Regional Planning <ul style="list-style-type: none"> ▣ Applications of growth centre and growth pole theory ▣ Critiques of growth centre and growth pole theory ▣ Causes of regional imbalances ▣ Measures of regional development ▣ importance of spatial planning in regional development ▣ Cluster development ▣ Regional innovation systems ▣ the importance of bottom-up approaches ▣ the importance of environmental impact assessment (EIA) ▣ the importance of sustainable land use in regional planning. ▣ the importance of climate change adaptation in regional planning

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	<ul style="list-style-type: none"> ▣ the importance of green infrastructure in regional planning ▣ the importance of sustainable development goals ▣ the importance of sustainable infrastructure
SESSION - 08	<ul style="list-style-type: none"> ◉ Population Geography <ul style="list-style-type: none"> ▣ The patterns and trends of population distribution ▣ The demographic transition, which describes the stages of population growth ▣ The importance of age and sex composition in ▣ The patterns and trends of migration ▣ The importance of education and literacy in demographic analysis ▣ The concept of overpopulation ▣ The concept of optimum population ▣ The importance of family planning and reproductive health in managing population growth ▣ The concept of social capital ▣ The concept of demographic dividend ▣ The importance of social indicators in measuring social well-being ▣ Environmental sustainability and social well-being
SESSION - 09	<ul style="list-style-type: none"> ◉ The perspective of Human Geography <ul style="list-style-type: none"> ▣ The role of spatial analysis in identifying and analyzing patterns of areal differentiation, ▣ The process of regional synthesis ▣ The physical characteristics and differentiation of different regions ▣ The cultural characteristics and differentiation of different regions ▣ The economic characteristics and differentiation of different regions

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ❑ The physical features of a region ❑ The cultural and social features of a region ❑ The economic and developmental features of a region ❑ The governance and political features of a region, ❑ The role of spatial analysis in quantitative revolution in human geography ❑ The role of modeling and simulation in quantitative revolution ❑ The role of social geography in quantitative revolution
ECONOMICS GEOGRAPHY	
SESSION -10	<ul style="list-style-type: none"> ❑ The impact of fossil fuel depletion on the energy crisis ❑ The impact of energy consumption patterns on the energy crisis ❑ The role of energy policies and governance in addressing the energy crisis, ❑ The role of agricultural productivity in world agriculture ❑ The importance of food security in world agriculture ❑ The role of sustainable agriculture in world agriculture ❑ The classification of agricultural regions based on topography ❑ The classification of agricultural regions based on human factors ❑ The root causes of food insecurity, including poverty, climate change ❑ The role of food distribution systems in ensuring food security ❑ The impact of global food trade on food security ❑ The impact of famine on food security

SESSION NO. & DATE	SYLLABUS
PAPER 2	
INDIAN GEOGRAPHY	
SESSION -11	<ul style="list-style-type: none"> ◉ Physical Settings <ul style="list-style-type: none"> ▣ The major physiographic regions of india ▣ The major river systems of india ▣ The major landforms of india, including mountains, valleys, plateaus, and coastal features. ▣ The geological structure of india ▣ The major river basins of india ▣ The principles of watershed management and their applications in india. ▣ India's geopolitical position in south asia and its relationships with its neighboring countries ▣ The various border disputes and conflicts that india has with its neighboring countries ▣ Economic and trade relations ▣ Regional cooperation and integration
SESSION -12	<ul style="list-style-type: none"> ◉ Climate of India <ul style="list-style-type: none"> ▣ The factors that influence the onset and withdrawal of the monsoon ▣ The regional variations in the monsoon ▣ The impact of the monsoon on various aspects of life in india ▣ The characteristics of tropical cyclones, including their formation, intensity, and tracks. ▣ The characteristics of westerly disturbances, including their origin, tracks, and impact on india. ▣ Impact of tropical cyclones and westerly disturbances ▣ Mitigation and management of tropical cyclones and westerly disturbances:

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	<ul style="list-style-type: none"> ❑ The various causes of floods and droughts in india ❑ Impacts of floods and droughts on various aspects of life in india ❑ Mitigation and management of floods and droughts ❑ Role of technology and innovation in flood and drought management
SESSION - 13	<ul style="list-style-type: none"> ◉ Soils and Vegetation of India <ul style="list-style-type: none"> ❑ The various types of soils found in india ❑ The various factors that influence soil formation and distribution in india ❑ The relationship between soil fertility and agricultural productivity in india ❑ The various strategies used by india to conserve and manage soils ❑ The various types of natural vegetation found in india ❑ The various factors that influence the distribution and growth of natural vegetation in india ❑ The various strategies used by india to conserve and manage natural vegetation ❑ The ecological, economic, and cultural importance of natural vegetation in india ❑ The major soil types found in india ❑ Various factors that influence the formation of soils in india
SESSION - 14	<ul style="list-style-type: none"> ◉ Agriculture in India <ul style="list-style-type: none"> ❑ The different types of cropping patterns found in india ❑ The regional variations in cropping patterns in india ❑ The relationship between cropping intensity and productivity in india

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ❑ Challenges and opportunities in agriculture ❑ The concept of land capability and its significance in agricultural production and land use planning. ❑ The different land capability classification systems used in india ❑ The role of land capability in land use planning, including the identification of suitable areas for different land uses ❑ The importance of sustainable land management practices ❑ The concept of agroforestry and its significance in india's agricultural and forestry sectors. ❑ The different agroforestry systems practiced in india.
<p style="text-align: center;">SESSION - 15</p>	<ul style="list-style-type: none"> ○ Types of Agriculture <ul style="list-style-type: none"> ❑ The concept of social forestry and its role in meeting the wood and fuelwood demands of rural communities. ❑ The challenges and opportunities in promoting agro and social forestry in india. ❑ The importance of livestock in india's rural economy. ❑ The concept of the white revolution and its significance in transforming india's dairy sector. ❑ The challenges and opportunities in promoting sustainable livestock development in india ❑ The importance of livestock in sustaining rural livelihoods in india ❑ The importance of sericulture in india's economy and the different types of silk produced in india. ❑ The importance of apiculture in india's rural economy and the different types of honey produced in india.

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ❑ The importance of poultry in india's economy and the different types of poultry farming systems practiced in india. ❑ The challenges and opportunities in promoting sustainable sericulture, apiculture, and poultry farming in india
SESSION - 16	<ul style="list-style-type: none"> ⦿ Industry <ul style="list-style-type: none"> ❑ The geographical distribution of cotton cultivation in india ❑ The geographical distribution of jute cultivation in india. ❑ The geographical distribution of textile mills in india. ❑ The geographical distribution of fertilizer plants in india. ❑ The geographical distribution of paper mills in india ❑ Location factors of automobile ❑ Multinational corporations (mncs) and their impact on indian economy. ❑ Liberalization and its impact on the indian economy. ❑ Special economic zones (sezs) in india. ❑ Economic zones in india.
SESSION - 17	<ul style="list-style-type: none"> ⦿ Transport, Communications and Trade <ul style="list-style-type: none"> ❑ Role of Roads in Regional Development. ❑ Role of Railways in Regional Development. ❑ Role of Waterways in Regional Development. ❑ Role of Airways in Regional Development. ❑ Role of Pipelines in Regional Development. ❑ Complementary Roles of Transport Modes in Regional Development. ❑ India's Foreign Trade Policy. ❑ The balance of trade between India and other countries ❑ The development of EPZs in India ❑ India's Transport Infrastructure

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ▣ The development of EPZs in India ▣ India's Transport Infrastructure
SESSION - 18	<ul style="list-style-type: none"> ◉ Population in India <ul style="list-style-type: none"> ▣ Impact of aryan migration ▣ British colonialism and ethnic divisions ▣ Indian independence and the creation of linguistic states ▣ Contemporary issues in ethnic and linguistic diversity ▣ The regional variation in sex ratio in india ▣ The distribution of workforce across different sectors in india ▣ The ratio of nonworking population to the working population. ▣ The regional variation in life expectancy in india. ▣ The trend in fertility rate in india. ▣ The pattern of migration in India.
SESSION - 19	<ul style="list-style-type: none"> ◉ Settlement Geography <ul style="list-style-type: none"> ▣ The concept of central place theory, including the role of settlement hierarchy ▣ The concept of primate city ▣ The concept of world city hierarchy, including the role of globalisation ▣ The impact of environmental degradation on towns. ▣ Inadequate infrastructure ▣ Inequality and social exclusion ▣ Types and patterns of rural settlements in india ▣ Changes in the morphology of rural settlements in india ▣ Planning and management of conurbations and metropolitan regions in india

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> ▣ Town planning in india ▣ Slums in India
SESSION - 20	<ul style="list-style-type: none"> ◉ Political Geography <ul style="list-style-type: none"> ▣ State Reorganization On A Linguistic Basis And Its Impact On Federalism ▣ Regional Disparities And Their Effect On Federalism In India ▣ Cooperative Federalism And The Role Of The Planning Commission/Niti Aayog In India's Federal Structure ▣ Fiscal Federalism And The Role Of The Finance Commission In India's Federal Structure ▣ States Reorganisation Commission (Src) ▣ Linguistic States ▣ Geographical Contiguity ▣ North East India ▣ Geography Of India's Borders ▣ Proximity To Conflict Zones ▣ Transnational Networks: Cross Border Terrorism ▣ Vulnerable Areas



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