

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

15 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 | |
| <p style="text-align: center;">SESSION - 01 15 JULY, 2024</p> | <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 |
| <p style="text-align: center;">SESSION - 02 16 JULY, 2024</p> | <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. |

| SESSION NO. & DATE | SYLLABUS |
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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 |
| <p style="text-align: center;">SESSION - 03</p> <p style="text-align: center;">17 JULY, 2024</p> | <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 |
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| <p style="text-align: center;">SESSION - 04 18 JULY, 2024</p> | <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 |
| <p style="text-align: center;">SESSION - 05 19 JULY, 2024</p> | <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 |
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| | <ul style="list-style-type: none">❑ The concept of channel adjustment❑ Human impacts on channel morphology |
| HUMAN GEOGRAPHY | |
| SESSION - 06 20 JULY, 2024 | <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 22 JULY, 2024 | <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 |

| SESSION NO. & DATE | SYLLABUS |
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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 |
| <p style="text-align: center;">SESSION - 08</p> <p style="text-align: center;">23 JULY, 2024</p> | <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 |
| <p style="text-align: center;">SESSION - 09</p> <p style="text-align: center;">24 JULY, 2024</p> | <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 |
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| | <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 | |
| <p style="text-align: center;">SESSION -10 25 JULY, 2024</p> | <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 |

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| PAPER 2 | |
| INDIAN GEOGRAPHY | |
| <p style="text-align: center;">SESSION -11 26 JULY, 2024</p> | <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 |
| <p style="text-align: center;">SESSION -12 27 JULY, 2024</p> | <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: |

| SESSION NO. & DATE | SYLLABUS |
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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 29 JULY, 2024 | <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 30 JULY, 2024 | <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 |
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| | <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> <p style="text-align: center;">31 JULY, 2024</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 |
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| | <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 |
| <p style="text-align: center;">SESSION - 16</p> <p style="text-align: center;">01 AUGUST, 2024</p> | <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. |
| <p style="text-align: center;">SESSION - 17</p> <p style="text-align: center;">02 AUGUST, 2024</p> | <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 |
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| | <ul style="list-style-type: none"> ❑ The development of EPZs in India ❑ India's Transport Infrastructure |
| <p style="text-align: center;">SESSION - 18</p> <p style="text-align: center;">03 AUGUST, 2024</p> | <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. |
| <p style="text-align: center;">SESSION - 19</p> <p style="text-align: center;">05 AUGUST, 2024</p> | <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 |
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| | <ul style="list-style-type: none">▣ Town planning in india▣ Slums in India |
| SESSION - 20 06 AUGUST, 2024 | <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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