

# GEOGRAPHY ADVANCE CLASSES

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BATCH  
STARTS

# 04 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
<b>PAPER 1</b>	
<b>PHYSICAL GEOGRAPHY</b>	
<b>SESSION - 01</b> <b>04 JULY, 2024</b>	<ul style="list-style-type: none"> <li>○ <b>OCEANOGRAPHY</b> <ul style="list-style-type: none"> <li>▣ The causes and effects of ocean currents</li> <li>▣ The physics behind waves and tides, and their effects</li> <li>▣ The study of the ocean floor, plate tectonics, and seafloor mapping</li> <li>▣ The chemical composition of seawater, including its acidity, salinity, and nutrient content.</li> <li>▣ Marine organisms and their habitats, including the adaptations</li> <li>▣ The structure and function of marine ecosystems</li> <li>▣ The relationship between the ocean and climate</li> <li>▣ The sources and impacts of marine pollution</li> <li>▣ The ocean's potential as a source of food, energy</li> <li>▣ The legal and regulatory frameworks that govern the use and management of the world's oceans</li> </ul> </li> </ul>
<b>SESSION - 02</b> <b>05 JULY, 2024</b>	<ul style="list-style-type: none"> <li>○ <b>Biogeography</b> <ul style="list-style-type: none"> <li>▣ The causes and impacts of soil degradation, including erosion, salinisation, desertification, and soil pollution.</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> <li>❑ The strategies and policies for conserving soil, including soil erosion control</li> <li>❑ The factors that influence soil fertility</li> <li>❑ The underlying causes of deforestation</li> <li>❑ The impacts of deforestation on local and global ecosystems</li> <li>❑ The strategies and policies for managing forests sustainably</li> <li>❑ The tools and techniques used to monitor forest cover</li> <li>❑ The restoration of degraded or deforested lands</li> <li>❑ The integration of trees into agricultural systems</li> <li>❑ The role of forests in meeting the needs of local communities</li> </ul>
<p style="text-align: center;"><b>SESSION - 03</b></p> <p style="text-align: center;"><b>06 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Environment Geography</b> <ul style="list-style-type: none"> <li>❑ The Structure And Function Of Ecosystems</li> <li>❑ The Processes That Shape Ecosystems</li> <li>❑ The Development And Testing Of Models To Predict The Distribution</li> <li>❑ The Relationship Between Ecosystems</li> <li>❑ The Impacts Of Human Activities, Such As Deforestation</li> <li>❑ The Strategies And Policies For Conserving Biodiversity And Ecosystems</li> <li>❑ The Impacts Of Energy Production And Use</li> <li>❑ The Concept Of Sustainability</li> <li>❑ The Legal And Regulatory Frameworks That Govern Environmental Protection</li> <li>❑ The Process Of Evaluating The Potential Environmental Impacts OF Development Projects</li> <li>❑ The Ethical Considerations Related To Environmental Protection And Sustainability</li> <li>❑ The Role Of Civil Society In Promoting Environmental Protection And sustainability</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
<p style="text-align: center;"><b>SESSION - 04</b></p> <p style="text-align: center;"><b>08 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>◦ <b>Climatology</b> <ul style="list-style-type: none"> <li>▢ The Feedback Mechanisms That Amplify Or Dampen The Impacts Of Climate Change</li> <li>▢ The Factors That Influence Atmospheric Stability And Instability</li> <li>▢ The Different Types Of Air Masses</li> <li>▢ The Processes That Modify Air Masses</li> <li>▢ The Global Circulation Patterns</li> <li>▢ The Conditions That Lead To The Formation And Development Of Temperate And Tropical Cyclones</li> <li>▢ The Movement And Track Of Temperate And Tropical Cyclones</li> <li>▢ The Movement Of Water On The Earth's Surface</li> <li>▢ The Relationship Between Climate And Agriculture</li> <li>▢ The Impacts Of Urbanisation On The Local Climate</li> <li>▢ Other Climate Classification systems</li> </ul> </li> </ul>
<p style="text-align: center;"><b>SESSION - 05</b></p> <p style="text-align: center;"><b>09 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>◦ <b>Geomorphology</b> <ul style="list-style-type: none"> <li>▢ The nature and characteristics of seismic waves,</li> <li>▢ The processes of mineral and rock formation,</li> <li>▢ The processes that shape the earth's surface</li> <li>▢ The concept of geomorphic cycles</li> <li>▢ The processes that shape river systems</li> <li>▢ The concept of geomorphic thresholds</li> <li>▢ The applications of the davisian and penckian models</li> <li>▢ Geomorphology and land-use planning:</li> <li>▢ Geomorphology and engineering</li> <li>▢ Geomorphology and environmental management</li> <li>▢ The concept of denudation chronology</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"><li>❑ The concept of channel adjustment</li><li>❑ Human impacts on channel morphology</li></ul>
<b>HUMAN GEOGRAPHY</b>	
<b>SESSION - 06</b> <b>10 JULY, 2024</b>	<ul style="list-style-type: none"><li>○ <b>Models and Theories</b><ul style="list-style-type: none"><li>❑ The Malthusian Population Theory</li><li>❑ Marxian Population Theory</li><li>❑ Critiques Of Von Thunen's Model</li><li>❑ Critiques Of Weber's Model</li><li>❑ Critiques Of Rostow's Model</li><li>❑ Applicability Of Rostow's Model</li><li>❑ Critiques Of Heartland And Rimland Theories</li><li>❑ Relevance Of Heartland And Rimland Theories</li><li>❑ Applications Of Central Place Theory</li><li>❑ Modifications Of Central Place Theory</li></ul></li></ul>
<b>SESSION - 07</b> <b>11 JULY, 2024</b>	<ul style="list-style-type: none"><li>○ <b>Regional Planning</b><ul style="list-style-type: none"><li>❑ Applications of growth centre and growth pole theory</li><li>❑ Critiques of growth centre and growth pole theory</li><li>❑ Causes of regional imbalances</li><li>❑ Measures of regional development</li><li>❑ importance of spatial planning in regional development</li><li>❑ Cluster development</li><li>❑ Regional innovation systems</li><li>❑ the importance of bottom-up approaches</li><li>❑ the importance of environmental impact assessment (EIA)</li><li>❑ the importance of sustainable land use in regional planning.</li><li>❑ the importance of climate change adaptation in regional planning</li></ul></li></ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> <li>❑ the importance of green infrastructure in regional planning</li> <li>❑ the importance of sustainable development goals</li> <li>❑ the importance of sustainable infrastructure</li> </ul>
<p style="text-align: center;"><b>SESSION - 08</b></p> <p style="text-align: center;"><b>12 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Population Geography</b> <ul style="list-style-type: none"> <li>❑ The patterns and trends of population distribution</li> <li>❑ The demographic transition, which describes the stages of population growth</li> <li>❑ The importance of age and sex composition in</li> <li>❑ The patterns and trends of migration</li> <li>❑ The importance of education and literacy in demographic analysis</li> <li>❑ The concept of overpopulation</li> <li>❑ The concept of optimum population</li> <li>❑ The importance of family planning and reproductive health in managing population growth</li> <li>❑ The concept of social capital</li> <li>❑ The concept of demographic dividend</li> <li>❑ The importance of social indicators in measuring social well-being</li> <li>❑ Environmental sustainability and social well-being</li> </ul> </li> </ul>
<p style="text-align: center;"><b>SESSION - 09</b></p> <p style="text-align: center;"><b>13 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>The perspective of Human Geography</b> <ul style="list-style-type: none"> <li>❑ The role of spatial analysis in identifying and analyzing patterns of areal differentiation,</li> <li>❑ The process of regional synthesis</li> <li>❑ The physical characteristics and differentiation of different regions</li> <li>❑ The cultural characteristics and differentiation of different regions</li> <li>❑ The economic characteristics and differentiation of different regions</li> </ul> </li> </ul>

<b>SESSION NO. &amp; DATE</b>	<b>SYLLABUS</b>
	<ul style="list-style-type: none"><li>❑ The physical features of a region</li><li>❑ The cultural and social features of a region</li><li>❑ The economic and developmental features of a region</li><li>❑ The governance and political features of a region,</li><li>❑ The role of spatial analysis in quantitative revolution in human geography</li><li>❑ The role of modeling and simulation in quantitative revolution</li><li>❑ The role of social geography in quantitative revolution</li></ul>
<b>ECONOMICS GEOGRAPHY</b>	
<p style="text-align: center;"><b>SESSION -10</b> <b>15 JULY, 2024</b></p>	<ul style="list-style-type: none"><li>❑ The impact of fossil fuel depletion on the energy crisis</li><li>❑ The impact of energy consumption patterns on the energy crisis</li><li>❑ The role of energy policies and governance in addressing the energy crisis,</li><li>❑ The role of agricultural productivity in world agriculture</li><li>❑ The importance of food security in world agriculture</li><li>❑ The role of sustainable agriculture in world agriculture</li><li>❑ The classification of agricultural regions based on topography</li><li>❑ The classification of agricultural regions based on human factors</li><li>❑ The root causes of food insecurity, including poverty, climate change</li><li>❑ The role of food distribution systems in ensuring food security</li><li>❑ The impact of global food trade on food security</li><li>❑ The impact of famine on food security</li></ul>

SESSION NO. & DATE	SYLLABUS
<b>PAPER 2</b>	
<b>INDIAN GEOGRAPHY</b>	
<p style="text-align: center;"><b>SESSION -11</b> <b>16 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Physical Settings</b> <ul style="list-style-type: none"> <li>▣ The major physiographic regions of india</li> <li>▣ The major river systems of india</li> <li>▣ The major landforms of india, including mountains, valleys, plateaus, and coastal features.</li> <li>▣ The geological structure of india</li> <li>▣ The major river basins of india</li> <li>▣ The principles of watershed management and their applications in india.</li> <li>▣ India's geopolitical position in south asia and its relationships with its neighboring countries</li> <li>▣ The various border disputes and conflicts that india has with its neighboring countries</li> <li>▣ Economic and trade relations</li> <li>▣ Regional cooperation and integration</li> </ul> </li> </ul>
<p style="text-align: center;"><b>SESSION -12</b> <b>17 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Climate of India</b> <ul style="list-style-type: none"> <li>▣ The factors that influence the onset and withdrawal of the monsoon</li> <li>▣ The regional variations in the monsoon</li> <li>▣ The impact of the monsoon on various aspects of life in india</li> <li>▣ The characteristics of tropical cyclones, including their formation, intensity, and tracks.</li> <li>▣ The characteristics of westerly disturbances, including their origin, tracks, and impact on india.</li> <li>▣ Impact of tropical cyclones and westerly disturbances</li> <li>▣ Mitigation and management of tropical cyclones and westerly disturbances:</li> </ul> </li> </ul>



SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"><li>❑ The various causes of floods and droughts in india</li><li>❑ Impacts of floods and droughts on various aspects of life in india</li><li>❑ Mitigation and management of floods and droughts</li><li>❑ Role of technology and innovation in flood and drought management</li></ul>
<b>SESSION - 13</b> <b>18 JULY, 2024</b>	<ul style="list-style-type: none"><li>○ <b>Soils and Vegetation of India</b><ul style="list-style-type: none"><li>❑ The various types of soils found in india</li><li>❑ The various factors that influence soil formation and distribution in india</li><li>❑ The relationship between soil fertility and agricultural productivity in india</li><li>❑ The various strategies used by india to conserve and manage soils</li><li>❑ The various types of natural vegetation found in india</li><li>❑ The various factors that influence the distribution and growth of natural vegetation in india</li><li>❑ The various strategies used by india to conserve and manage natural vegetation</li><li>❑ The ecological, economic, and cultural importance of natural vegetation in india</li><li>❑ The major soil types found in india</li><li>❑ Various factors that influence the formation of soils in india</li></ul></li></ul>
<b>SESSION - 14</b> <b>19 JULY, 2024</b>	<ul style="list-style-type: none"><li>○ <b>Agriculture in India</b><ul style="list-style-type: none"><li>❑ The different types of cropping patterns found in india</li><li>❑ The regional variations in cropping patterns in india</li><li>❑ The relationship between cropping intensity and productivity in india</li></ul></li></ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> <li>❑ Challenges and opportunities in agriculture</li> <li>❑ The concept of land capability and its significance in agricultural production and land use planning.</li> <li>❑ The different land capability classification systems used in india</li> <li>❑ The role of land capability in land use planning, including the identification of suitable areas for different land uses</li> <li>❑ The importance of sustainable land management practices</li> <li>❑ The concept of agroforestry and its significance in india's agricultural and forestry sectors.</li> <li>❑ The different agroforestry systems practiced in india.</li> </ul>
<p style="text-align: center;"><b>SESSION - 15</b></p> <p style="text-align: center;"><b>20 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Types of Agriculture</b> <ul style="list-style-type: none"> <li>❑ The concept of social forestry and its role in meeting the wood and fuelwood demands of rural communities.</li> <li>❑ The challenges and opportunities in promoting agro and social forestry in india.</li> <li>❑ The importance of livestock in india's rural economy.</li> <li>❑ The concept of the white revolution and its significance in transforming india's dairy sector.</li> <li>❑ The challenges and opportunities in promoting sustainable livestock development in india</li> <li>❑ The importance of livestock in sustaining rural livelihoods in india</li> <li>❑ The importance of sericulture in india's economy and the different types of silk produced in india.</li> <li>❑ The importance of apiculture in india's rural economy and the different types of honey produced in india.</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> <li>❑ The importance of poultry in india's economy and the different types of poultry farming systems practiced in india.</li> <li>❑ The challenges and opportunities in promoting sustainable sericulture, apiculture, and poultry farming in india</li> </ul>
<p style="text-align: center;"><b>SESSION - 16</b></p> <p style="text-align: center;"><b>22 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Industry</b> <ul style="list-style-type: none"> <li>❑ The geographical distribution of cotton cultivation in india</li> <li>❑ The geographical distribution of jute cultivation in india.</li> <li>❑ The geographical distribution of textile mills in india.</li> <li>❑ The geographical distribution of fertilizer plants in india.</li> <li>❑ The geographical distribution of paper mills in india</li> <li>❑ Location factors of automobile</li> <li>❑ Multinational corporations (mncs) and their impact on indian economy.</li> <li>❑ Liberalization and its impact on the indian economy.</li> <li>❑ Special economic zones (sezs) in india.</li> <li>❑ Economic zones in india.</li> </ul> </li> </ul>
<p style="text-align: center;"><b>SESSION - 17</b></p> <p style="text-align: center;"><b>23 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Transport, Communications and Trade</b> <ul style="list-style-type: none"> <li>❑ Role of Roads in Regional Development.</li> <li>❑ Role of Railways in Regional Development.</li> <li>❑ Role of Waterways in Regional Development.</li> <li>❑ Role of Airways in Regional Development.</li> <li>❑ Role of Pipelines in Regional Development.</li> <li>❑ Complementary Roles of Transport Modes in Regional Development.</li> <li>❑ India's Foreign Trade Policy.</li> <li>❑ The balance of trade between India and other countries</li> <li>❑ The development of EPZs in India</li> <li>❑ India's Transport Infrastructure</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"> <li>❑ The development of EPZs in India</li> <li>❑ India's Transport Infrastructure</li> </ul>
<p style="text-align: center;"><b>SESSION - 18</b></p> <p style="text-align: center;"><b>24 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Population in India</b> <ul style="list-style-type: none"> <li>❑ Impact of aryan migration</li> <li>❑ British colonialism and ethnic divisions</li> <li>❑ Indian independence and the creation of linguistic states</li> <li>❑ Contemporary issues in ethnic and linguistic diversity</li> <li>❑ The regional variation in sex ratio in india</li> <li>❑ The distribution of workforce across different sectors in india</li> <li>❑ The ratio of nonworking population to the working population.</li> <li>❑ The regional variation in life expectancy in india.</li> <li>❑ The trend in fertility rate in india.</li> <li>❑ The pattern of migration in India.</li> </ul> </li> </ul>
<p style="text-align: center;"><b>SESSION - 19</b></p> <p style="text-align: center;"><b>25 JULY, 2024</b></p>	<ul style="list-style-type: none"> <li>○ <b>Settlement Geography</b> <ul style="list-style-type: none"> <li>❑ The concept of central place theory, including the role of settlement hierarchy</li> <li>❑ The concept of primate city</li> <li>❑ The concept of world city hierarchy, including the role of globalisation</li> <li>❑ The impact of environmental degradation on towns.</li> <li>❑ Inadequate infrastructure</li> <li>❑ Inequality and social exclusion</li> <li>❑ Types and patterns of rural settlements in india</li> <li>❑ Changes in the morphology of rural settlements in india</li> <li>❑ Planning and management of conurbations and metropolitan regions in india</li> </ul> </li> </ul>

SESSION NO. & DATE	SYLLABUS
	<ul style="list-style-type: none"><li>❑ Town planning in india</li><li>❑ Slums in India</li></ul>
<b>SESSION - 20</b> <b>26 JULY, 2024</b>	<ul style="list-style-type: none"><li>○ <b>Political Geography</b><ul style="list-style-type: none"><li>❑ State Reorganization On A Linguistic Basis And Its Impact On Federalism</li><li>❑ Regional Disparities And Their Effect On Federalism In India</li><li>❑ Cooperative Federalism And The Role Of The Planning Commission/Niti Aayog In India's Federal Structure</li><li>❑ Fiscal Federalism And The Role Of The Finance Commission In India's Federal Structure</li><li>❑ States Reorganisation Commission (Src)</li><li>❑ Linguistic States</li><li>❑ Geographical Contiguity</li><li>❑ North East India</li><li>❑ Geography Of India's Borders</li><li>❑ Proximity To Conflict Zones</li><li>❑ Transnational Networks: Cross Border Terrorism</li><li>❑ Vulnerable Areas</li></ul></li></ul>

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