



DRISHTI IAS

# DRISHTI IAS MAINS TEST SERIES 2023

## GEOGRAPHY (Optional Subject)

Available in **English** only

**STARTING : 8<sup>TH</sup> JANUARY 2023**

**Total 16 Tests**

12 Sectional Tests

4 Full Syllabus Tests

Available in **Online** and **Offline** Mode

**Fees : ₹14,000/-**

### Mukherjee Nagar Branch

641, Mukherjee  
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21, Pusa Road,  
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### Prayagraj Branch

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### **Salient Features**

- The language-style and nature of the questions are in line with the questions asked by the Union Public Service Commission and based on deep understanding and knowledge.
- The topics asked in the question are based on the important and relevant topics asked by the Union Public Service Commission which will be directly and indirectly helpful in the main examination.
- Simple and effective presentation of model answers with interdisciplinary and multidisciplinary approach.
- Emphasis on preparing better answers through illustrations, examples, graphic analysis, pie charts etc. required in answer writing by adopting scientific approach.
- Use of only standard books and sources during model answer writing.
- As far as possible adherence to the standards prescribed by the Union Public Service Commission in the evaluation process of answer sheets.
- Necessary interval between each test for proper preparation.
- Formulation of model answers within the word limit prescribed by the Union Public Service Commission.

Test Code	Date	Syllabus	Test Code	Date	Syllabus
Test-1 OPT-G-2301	8 January, 2023 (Sunday)	Geomorphology	Test-9 OPT-G-2309	25 June, 2023 (Sunday)	Industry, Transport, Communication and Trade
Test-2 OPT-G-2302	15 January, 2023 (Sunday)	Oceanography	Test-10 OPT-G-2310	2 July, 2023 (Sunday)	Cultural Setting, Settlements
Test-3 OPT-G-2303	29 January, 2023 (Sunday)	Climatology	Test-11 OPT-G-2311	9 July, 2023 (Sunday)	Regional Development and planning, Political Aspects
Test-4 OPT-G-2304	12 February, 2023 (Sunday)	Biogeography, environmental geography	Test-12 OPT-G-2312	16 July, 2023 (Sunday)	Contemporary Issues
Test-5 OPT-G-2305	26 February, 2023 (Sunday)	Perspective in human Geoggraphy, economic geography	Test-13 OPT-G-2313	13 August, 2023 (Sunday)	Full Length Paper-I
Test-6 OPT-G-2306	12 March, 2023 (Sunday)	Population and Settlement Geography, Regional planning, models Theories and Laws in Human Geography	Test-14 OPT-G-2314		Full Length Paper-II
Test-7 OPT-G-2307	11 June, 2023 (Sunday)	Physical Setting	Test-15 OPT-G-2315	27 August, 2023 (Sunday)	Full Length Paper-I
Test-8 OPT-G-2308	18 June, 2023 (Sunday)	Resources, Agriculture	Test-16 OPT-G-2316		Full Length Paper-II

\*For detailed breakup of syllabus, kindly refer to the subsequent pages.



### Test Schedule

Test Code	Test Date	Subject
Test-1 OPT-G-2301	8 January, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Geomorphology</b> Factors controlling landform development; endogenetic and exogenetic forces; Origin and evolution of the earth's crusts; Fundamentals of geomagnetism; Physical conditions of the earth's interior; Geosynclines; Denudation chronology; Channel morphology; Erosion surfaces; Slope development; Applied Geomorphology; Geomorphology, economic geology and environment. Continental drift; Isostasy; Plate tectonics; Recent views on mountain building; Volcanicity; Earthquakes and Tsunamis; Concepts of geomorphic cycles and Land scape development</li> </ul>
Test-2 OPT-G-2302	15 January, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Oceanography</b> Bottom topography of the Atlantic, Indian and Pacific Oceans; Temperature and salinity of the oceans; Heat and salt budgets, Ocean deposits; Waves, currents and tides; Marine resources; biotic, mineral and energy resources Coral reefs coral bleaching; Sea-level changes; Law of the sea and marine pollution.</li> </ul>
Test-3 OPT-G-2303	29 January, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Climatology</b> Temperature and pressure belts of the world; Heat budget of the earth; Atmospheric circulation; Atmospheric stability and instability Planetary and local winds; Monsoons and jet streams; Air masses and fronts; Temperate and tropical cyclones, types and distribution of precipitation, weather and climate; Koppen's Thornthwaite's and Trewartha's classification of world climate Hydrological cycle; Global climatic change, and role and response of man in climatic changes Applied climatology and Urban climate.</li> </ul>
Test-4 OPT-G-2304	12 February, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Biogeography:</b> Genesis of soils; Classification and distribution of soils; Soil profile; Soil erosion, Degradation and conservation; Factors influencing world distribution of plants and animals; Problems of deforestation and conservation measures; Social forestry, agro-forestry; Wild life; Major gene pool centres.</li> <li>● <b>Environmental Geography:</b> Principle ecology; Human ecological adaptations; Influence of man on ecology and environment; Global and regional ecological changes and imbalances; Ecosystem their management and conservation; Environmental degradation, management and conservation; Biodiversity and sustainable development; Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation."</li> </ul>
Test-5 OPT-G-2305	26 February, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Perspectives in Human Geography:</b> Areal differentiation; Regional synthesis; Dichotomy and dualism; Environmentalism; Quantitative revolution and locational analysis; Radical, behavioural, human and welfare approaches; Languages, religions and secularisation; Cultural regions of the world; Human development index.</li> <li>● <b>Economic Geography:</b> World economic development: measurement and problems; World resources and their distribution; Energy crisis; the limits to growth; World agriculture: typology of agricultural regions; Agricultural inputs and productivity; Food and nutrition problems; Food security; famine: causes, effects and remedies; World industries: location patterns and problems; Patterns of world trade.</li> </ul>

<p>Test-6 OPT-G-2306</p>	<p>12 March, 2023 (Sunday)</p>	<ul style="list-style-type: none"> <li>● <b>Population and Settlement Geography:</b> Growth and distribution of world population; Demographic attributes; Causes and consequences of migration; Concepts of over-under-and optimum population; Population theories, world population problems and policies, Social well-being and quality of life; Population as social capital. Types and patterns of rural settlements; Environmental issues in rural settlements; Hierarchy of urban settlements; Urban morphology; Concept of primate city and rank-size rule; Functional classification of towns; Sphere of urban influence; Rural-urban fringe; Satellite towns; Problems and remedies of urbanization; Sustainable development of cities.</li> <li>● <b>Regional Planning:</b> Concept of a region; Types of regions and methods of regionalisation; Growth centres and growth poles; Regional imbalances; Regional development strategies; Environmental issues in regional planning; Planning for sustainable development.</li> <li>● <b>Models, Theories and Laws in Human Geography:</b> System analysis in Human geography; Malthusian, Marxian and demographic transition models; Central Place theories of Christaller and Losch; Perroux and Boudeville; Von Thunen's model of agricultural location; Weber's model of industrial location; Ostov's model of stages of growth. Heart-land and Rimland theories; Laws of international boundaries and frontiers.</li> </ul>
<p>Test-7 OPT-G-2307</p>	<p>11 June, 2023 (Sunday)</p>	<ul style="list-style-type: none"> <li>● <b>Physical Setting:</b> Space relationship of India with neighbouring countries; Structure and relief; Drainage system and watersheds; Physiographic regions; Mechanism of Indian monsoons and rainfall patterns; Tropical cyclones and western disturbances; Floods and droughts; Climatic regions; Natural vegetation, Soil types and their distributions.</li> </ul>
<p>Test-8 OPT-G-2308</p>	<p>18 June, 2023 (Sunday)</p>	<ul style="list-style-type: none"> <li>● <b>Resources :</b> Land, surface and ground water, energy, minerals, biotic and marine resources, Forest and wild life resources and their conservation; Energy crisis.</li> <li>● <b>Agriculture:</b> Infrastructure: irrigation, seeds, fertilizers, power; Institutional factors; land holdings, land tenure and land reforms; Cropping pattern, agricultural productivity, agricultural intensity, crop combination, land capability; Agro and social-forestry; Green revolution and its socio-economic and ecological implications; Significance of dry farming; Livestock resources and white revolution; Aqua-culture; Sericulture, Agriculture andpoultry; Agricultural regionalisation; Agro-climatic zones; Agro-ecological regions.</li> </ul>
<p>Test-9 OPT-G-2309</p>	<p>25 June, 2023 (Sunday)</p>	<ul style="list-style-type: none"> <li>● <b>Industry:</b> Evolution of industries; Locational factors of cotton, jute, textile, iron and steel, aluminium, fertiliser, paper, chemical and pharmaceutical, automobile, cottage and ago-based industries; Industrial houses and complexes including public sector underkings; Industrial regionalisation; New industrial policy; Multinationals and liberalisation; Special Economic Zones; Tourism including ecotourism.</li> <li>● <b>Transport, Communication and Trade:</b> Road, railway, waterway, airway and pipeline net works and their complementary roles in regional development; Growing importance of ports on national and foreign trade; Trade balance; Trade Policy;Export processing zones; Developments in communication and information technology and their impacts on economy and society; Indian space programme.</li> </ul>

Test-10 OPT-G-2310	2 July, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Cultural Setting:</b> Historical Perspective of Indian Society; Racial linguistic and ethnic diversities; religious minorities; Major tribes, tribal areas and their problems; Cultural regions; Growth, distribution and density of population; Demographic attributes: sex-ratio, age structure, literacy rate, work-force, dependency ratio, longevity; migration (inter-regional, interaregional and international) and associated problems; Population problems and policies; Health indicators.</li> <li>● <b>Settlements:</b> Types, patterns and morphology of rural settlements; Urban developments; Morphology of Indian cities; Functional classification of Indian cities; Conurbations and metropolitan regions; Urban sprawl; Slums and associated problems; Town planning; Problems of urbanisation and remedies.</li> </ul>
Test-11 OPT-G-2311	9 July, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Regional Development and Planning:</b> Experience of regional planning in India; Five Year Plans; Integrated rural development programmes; Panchayati Raj and decentralised planning; Command area development; Watershed management; Planning for backward area, desert, drought-prone, hill tribal area development; Multi-level planning; Regional planning and development of island territories.</li> <li>● <b>Political Aspects:</b> Geographical basis of Indian federalism; State reorganisation; Emergence of new states; Regional consciousness and inter-state issues; International boundary of India and related issues; Cross-border terrorism; India's role in world affairs; Geopolitics of South Asia and Indian Ocean realm.</li> </ul>
Test-12 OPT-G-2312	16 July, 2023 (Sunday)	<ul style="list-style-type: none"> <li>● <b>Contemporary Issues:</b> Ecological issues: Environmental hazards: landslides, earthquakes, Tsunamis, floods and droughts, epidemics; Issues related to environmental pollution; Changes in patterns of land use; Principles of environmental impact assessment and environmental management; Population explosion and food security; Environmental degradation; Deforestation, desertification and soil erosion; Problems of agrarian and industrial unrest; Regional disparities in economic development; Concept of sustainable growth and development; Environmental awareness; Linkage of rivers; Globalisation and Indian economy.</li> </ul>
Test-13 OPT-G-2313	13 August, 2023 (Sunday)	● <b>Full Length Paper-I</b>
Test-14 OPT-G-2314		● <b>Full Length Paper-II</b>
Test-15 OPT-G-2315	27 August, 2023 (Sunday)	● <b>Full Length Paper-I</b>
Test-16 OPT-G-2316		● <b>Full Length Paper-II</b>

## UPSC (2022) & Drishti Mains Test Series (Geography Optional) Comparative Analysis

### Paper 1

Test Series (Code)	Question Code	Drishti IAS Test Series Question	UPSC Question Number	UPSC Question	Marks
2211	2(a)	<ul style="list-style-type: none"> <li>“Mass bleaching of the coral reef across the world has brought in on the verge of termination.” In this context analyze the impact of climate change and coral bleaching.</li> </ul>	1(d)	<ul style="list-style-type: none"> <li>When Corals are affected by stress it causes them to turn completely white. Explain the reasons of such an occurrence.</li> </ul>	10
2211	4(c)	<ul style="list-style-type: none"> <li>Describe the characteristics of different horizons of ‘Soil Profile’.</li> </ul>	1(e)	<ul style="list-style-type: none"> <li>Well developed soils typically exhibit distinct layers in their soil profile. Elaborate .</li> </ul>	10
2204	4(e)	<ul style="list-style-type: none"> <li>Explain how agricultural development is related to environmental degradation.</li> </ul>	2(a)	<ul style="list-style-type: none"> <li>Sequential changes in land use and land cover have brought global and regional ecological changes and imbalances. Elucidate.</li> </ul>	20
2202	(b)	<ul style="list-style-type: none"> <li>The atmosphere-ocean system is a mutually interacting system that affects life forms, both on the continents and in the oceans. Describe the characteristic features of interaction between the atmosphere and oceans.</li> </ul>	2(c)	<ul style="list-style-type: none"> <li>What is the relationship between ocean currents and global wind system</li> </ul>	15
2211	4(b)	<ul style="list-style-type: none"> <li>Explain how species adapt to their surroundings.</li> </ul>	3(a)	<ul style="list-style-type: none"> <li>Plants and animals that exist in a particular ecosystem are those that have been successful in adjusting to their habitat and environmental conditions. Elucidate with examples.</li> </ul>	20
2203	6(a)	<ul style="list-style-type: none"> <li>What do you understand by airmass explain with examples of modification of Airmass and its impact on the weather of the world.</li> </ul>	3(b)	<ul style="list-style-type: none"> <li>With suitable examples describe the impacts of movement of Airmass on Weather and winds in Different parts of the continent.</li> </ul>	15
2201	5(a)	<ul style="list-style-type: none"> <li>Throw light on contribution of geologists in development of erosional concept of landform development.</li> </ul>	3(c)	<ul style="list-style-type: none"> <li>Discuss the role of Slope, Altitude and Relief (SAR) in landscape development.</li> </ul>	15
2202, 2210	1(c), 8(a)	<ul style="list-style-type: none"> <li>Present a concise account of the causes of sea-level change and its potential consequences.</li> <li>How Sea level rise can wreak havoc in the coastal areas of India if the Present trend of climate change and global warming is not checked immediately, discuss in the context of India.</li> </ul>	4(a)	<ul style="list-style-type: none"> <li>Rise of surface temperature brings severe consequences. Elaborate the potential changes and threats associated with it in the world</li> </ul>	20

2203	1(d)	<ul style="list-style-type: none"> <li>Write a short note on the Heat Budget.</li> </ul>	4(b)	<ul style="list-style-type: none"> <li>Describe how short term variations in temperature are related to the process of receiving energy from the sun to the earth's surface and dissipating it to the atmosphere.</li> </ul>	15
2207	2(a)	<ul style="list-style-type: none"> <li>Discuss the factors that are responsible for the dispersal of the Indo-European Languages from far beyond their Eurasian homeland.</li> </ul>	5(a)	<ul style="list-style-type: none"> <li>Analyse the effect of Globalisation on Languages.</li> </ul>	10
2209	7(c)	<ul style="list-style-type: none"> <li>World trade is experiencing a major shift. In the light of this statement, discuss the changing order of world trade.</li> </ul>	5(b)	<ul style="list-style-type: none"> <li>Shifting Global trade patterns create new opportunities. Examine this statement.</li> </ul>	10
2205	8(c)	<ul style="list-style-type: none"> <li>Critically analyze the 'Concentric Zone theory' on urban morphology.</li> </ul>	5(c)	<ul style="list-style-type: none"> <li>Examine the morphological factors that influence the origin and growth of towns.</li> </ul>	10
2207	3(a)	<ul style="list-style-type: none"> <li>Write a short note about historical development leading to the quantitative revolution.</li> </ul>	7(b)	<ul style="list-style-type: none"> <li>Critically examine the significance of the Quantitative revolution and its influence in the development of Geography.</li> </ul>	15
2205	2(c)	<ul style="list-style-type: none"> <li>Migration depends on various push and pull factors. Discuss the factors that affect migration.</li> </ul>	8(a)	<ul style="list-style-type: none"> <li>How migration is affected by push and pull factors? Explain how these factors play a role in understanding new settlement pattern.</li> </ul>	20
2204	4(a)	<ul style="list-style-type: none"> <li>Discuss the views and relevance of von Thunen's agricultural location theory in the present context.</li> </ul>	8(b)	<ul style="list-style-type: none"> <li>Explain the relevance and applicability of Von thunen theory of Agriculture- location in today's world.</li> </ul>	15
2205	7(c)	<ul style="list-style-type: none"> <li>Describe rank size rule as proposed by G. K. Zipf in his book, 'human behavior and the principle of least effort'.</li> </ul>	8(c)	<ul style="list-style-type: none"> <li>Discuss the concept of Rank size rule given by G.K. Zipf. Is this rule relevant in Indian context.</li> </ul>	15
2212	7(b)	<ul style="list-style-type: none"> <li>Digital divides in India exist between urban and rural populations, young and educated versus older and less-educated individuals, and men and women. It needs quick redressal to reduce regional disparity in development. Elaborate with suitable examples.</li> </ul>	7(c)	<ul style="list-style-type: none"> <li>Explain in detail the impact of regional disparity on economic development</li> </ul>	15
2201	4(b)	<ul style="list-style-type: none"> <li>Write a brief note on the development of landforms in the karst region.</li> </ul>	1(a)	<ul style="list-style-type: none"> <li>Define Speleothem. Discuss the various forms and features of speleothems.</li> </ul>	10

**Paper 2**

Test Series (Code)	Question Code	Drishti IAS Test Series Question	UPSC Question Number	UPSC Question	Marks
2212	1(x)	● Dholavira	1(a)	● Dholavira	2
2204	7(c)	● Define the term desertification. Explain its causes and impact on the ecosystem.	1(d)	● The process of desertification leads to soil desiccation and soil loss. Explain.	10
2210, 2208	3(c), 4(b)	● Explain the mechanism of summer monsoons in India/There is spatial and temporal variation in the distribution of rainfall in India from the southwest monsoon. Discuss.	2(a)	● Critically examine the factors affecting the unpredictability of South-West monsoon system of India.	20
2212	1(d)	● Examine the major causes that contaminate ground water in India.	2(c)	● Ground water contamination in the fast expanding urban landscape of India appears to have become a major public health issue. Discuss.	15
2208, 2204	8(c)	● India has a large variety of soil groups distinctly different from one another, in the light of this statement describe the major soil types of India./Write an explanatory note on soil forming process.	3(c)	● Soils of India are clear reflection of the structure and process. Comment	15
2212	5(c)	● Discuss the contribution of Panchayati Raj System in India's governance structure.	5(b)	● Can the panchayat raj Institutions play a role in grassroot level planning in India? If yes , Discuss how.	10
2212	6(b)	● Describe the causes of urban sprawl in India and the problems arising from it.	7(c)	● What are the drivers of Urban Sprawl around the major cities of the country? How have new investments in transport projects supported sprawl development.	15
2205	4(c)	● Write a brief note on slums and the prevailing problems associated with it.	6(c)	● Write the role of high population concentration in Indian slums in making them more vulnerable during pandemic conditions like the COVID-19.	15
2208	5(c)	● Large areas of dry farming lack basic infrastructural facilities, explain the developmental strategies that can be helpful to promote dry farming.	4(b)	● Discuss the importance of Dry land farming in the drought prone regions of India.	15
2210	5(c)	● Explain why Food Security is important for a nation and Discuss what were the government initiatives in this context.	8(c)	● Evaluate the role of the national Food Security Act, 2013 in providing access of food to the poor in India	15
2208	2(b)	● Discuss the problem and prospect of the Mumbai-Pune industrial region.	7(a)	● Discuss the salient characteristics of industrial complexes of Western India. Examine the impact of Sez policy on the region.	20