



An Institute for Civil Services

IAS
2022

GEOGRAPHY Q&A

COMPLETE GEOGRAPHY *through* TEST SERIES

PERSONALIZED MENTORSHIP



20

NOVEMBER, 2021

PROGRAM
FEE



13000 + GST

- ✓ Its uniquely designed test series to help the students score high in Geography optional
- ✓ It will be highly beneficial to those students who wants Answer Writing Practice from very basic
- ✓ Total 18 Test having three Levels of Assessment
- ✓ In First Level focus will be on developing subject understanding
- ✓ In Second Level students will learn the art of interlinking of different topics
- ✓ Third Level will be strictly on the lines of present trends of mains examination
- ✓ Answer Sheet Evaluation is strictly by faculty only
- ✓ Model Answer and other Study Materials will be given



8448496262



www.iasscore.in

Mentor: **PRINCE MISHRA**

PROGRAMME DETAILS

- It's unique mix of Test Series & Content Enrichment
- It will have three levels of assessment ie. Level 1, Level 2 and Level 3 to test aspirants
- Each test will be followed by discussion where focus will not be only to discuss answer but also try to inculcate critical thinking in Geography
- Also, model answers and relevant study materials will be provided after the tests
- Level 1 will be oriented to test the basic understanding of the subject and microscopic coverage of syllabus and also add on materials will be given for contents enrichment.
- Level 1 will consist of 12 tests and each test consists of 6 questions
- Level 2 is mainly focuses on interlinking of the topics with contemporary issues. In this stage exhaustive coverage of last one years Geography related current affairs will be done.
- Level 2 will consist of 4 tests and each test consists of 10 questions .
- All the tests of Level 1 will have one additional question of India map marking.
- There will be exclusive map marking live session and pre-recorded video assistances for Map markings of paper 2.
- Level 3 will be purely on the lines of UPSC mains examination
- Level 3 comprised of 2 full length tests.

TEST SCHEDULE

LEVEL: 1

TEST NO.	TEST DATE	TEST TOPICS
Test 1	20 NOVEMBER, 2021	Geomorphology
Test 2	27 NOVEMBER, 2021	Climatology
Test 3	04 DECEMBER, 2021	Oceanography, Biogeography
Test 4	11 DECEMBER, 2021	Physical Settings
Test 5	18 DECEMBER, 2021	Economic Geography
Test 6	25 DECEMBER, 2021	Agriculture, Resources
Test 7	08 JANUARY, 2022	Industry, Trade Transport and communication
Test 8	15 JANUARY, 2022	Population, Cultural Setting
Test 9	22 JANUARY, 2022	Settlement Geography
Test 10	06 FEBRUARY, 2022	Regional Planning, Regional Development and Planning
Test 11	20 FEBRUARY, 2022	Perspectives in Human Geography
Test 12	06 MARCH, 2022	Political Aspects, Contemporary Issues, Environmental Geography

LEVEL: 2

TEST NO.	TEST DATE	TEST TOPICS
Test 13	13 MARCH, 2022	Geomorphology, Climatology, Oceanography, Physical Settings
Test 14	27 MARCH, 2022	Perspectives in Human Geography, Population and Settlement, Settlement, Regional planning, RDP
Test 15	03 APRIL, 2022	Economic Geography, Resources, Agriculture, Industry, Transport, communication and Trade, Models and Theories
Test 14	10 APRIL, 2022	Biogeography, Environmental Geography, Contemporary Issues, Cultural Setting, Political Aspects

LEVEL: 3

TEST NO.	TEST DATE	TEST TOPICS
Test 17	After Prelims	Paper 1
Test 18	After Prelims	Paper 2

LEVEL-1

SUB-TOPIC LISTING

TEST NO & DATE	TOPICS & SUB TOPICS
TEST NO: 01 20 NOVEMBER, 2021	GEOMORPHOLOGY <ul style="list-style-type: none">◦ Earth's Interior Structure;◦ Origin and Evolution of the Earth's crust; Geomagnetism basics;◦ Plate Tectonic theory;<ul style="list-style-type: none">➤ Sea floor Spreading;➤ Convective cell Theory;➤ Earthquake, Tsunami, Volcanoes, Hot spot, Mantle plume, Super Plume, Accreted Terranes;➤ Concept of Isostasy, Airy and Pratt theory of Isostasy;➤ Recent views on Mountain building;➤ Factors controlling landform development;➤ Endogenetic and Exogenetic forces
TEST NO: 02 27 NOVEMBER, 2021	CLIMATOLOGY <ul style="list-style-type: none">◦ Introduction to atmosphere, Basic heating and cooling process;◦ Global temperature patterns;◦ Heat budget of the Earth;◦ General circulation pattern of the atmosphere;◦ Atmospheric stability and instability;◦ Planetary and local winds;◦ Monsoon;◦ Jet streams and Rossby waves;◦ Hydrological cycle;

TEST NO & DATE	TOPICS & SUB TOPICS
	<ul style="list-style-type: none"> ◦ Adiabatic process; ◦ Clouds; ◦ Types of Precipitation; ◦ Process of Rainfall; ◦ Distribution of Rainfall.
TEST NO: 03 04 DECEMBER, 2021	OCEANOGRAPHY & BIOGEOGRAPHY 1. Oceanography: <ul style="list-style-type: none"> ◦ Ocean Bottom topography of Pacific, Atlantic and Indian Ocean; ◦ Temperature distribution of the Oceans; ◦ Salinity distribution of the Oceans; ◦ Heat budget and Salt budget of the Oceans; ◦ Oceanic Deposits; ◦ Oceanic water movements- Waves, Currents and Tides; ◦ Marine Resources- Biotic, mineral and energy resources. 2. Biogeography: <ul style="list-style-type: none"> ◦ Soil Forming Factors; ◦ Soil component; ◦ Soil profile; ◦ Pedogenic regimes; ◦ Soil classification; ◦ Distribution of Major soils
TEST NO: 04 11 DECEMBER, 2021	PHYSICAL SETTINGS <ul style="list-style-type: none"> ◦ India as a Geographic unit; ◦ India's frontiers; ◦ Geological structure; ◦ Physiography; ◦ Drainage system of India; ◦ Evolution of the Himalayan and Peninsular Rivers; ◦ Soils; Natural vegetation.

TEST NO & DATE	TOPICS & SUB TOPICS
TEST NO: 05 18 DECEMBER, 2021	ECONOMIC GEOGRAPHY <ul style="list-style-type: none">◦ World Economic Development;◦ Resources and distribution;◦ Spatial variation of Energy crisis;◦ Von Thunen's agricultural location model;◦ Industrial location theories of Weber, Hoover and Smith.
TEST NO: 06 25 DECEMBER, 2021	AGRICULTURE & RESOURCES 3. Agriculture: <ul style="list-style-type: none">◦ Salient features of Indian Agriculture;◦ Problems of Indian agriculture and their solution;◦ Agricultural productivity;◦ Irrigation;◦ Types of Irrigation;◦ Agroforestry; Social Forestry;◦ Major crops and its distribution. 4. Resources: <ul style="list-style-type: none">◦ Water Resources;◦ Biotic and marine resources;◦ Forests;◦ Wildlife;◦ Distribution of National park, wildlife sanctuaries and Biosphere reserves
TEST NO: 07 08 JANUARY, 2022	INDUSTRY + TRANSPORT, COMMUNICATION AND TRADE 5. Industry: <ul style="list-style-type: none">◦ Evolution of Indian Industries;◦ Factors influencing the location of Industries;◦ Spatial distribution of important industries in India;◦ Industrial Regions; Industrial houses in India.

TEST NO & DATE	TOPICS & SUB TOPICS
	<p>6. Transport</p> <ul style="list-style-type: none"> ◦ Railways, ◦ RRTS, ◦ Bullet train, ◦ DFC; Roadways; ◦ Water transport; ◦ Ports, Sagarmala project ◦ Communication and IT ◦ Indian Space Programme.
<p>TEST NO: 08</p> <p>15 JANUARY, 2022</p>	<p>POPULATION AND SETTLEMENT + CULTURAL SETTINGS</p> <p>7. Population and Settlement:</p> <ul style="list-style-type: none"> ◦ Growth and distribution of world population; ◦ Spatial analysis of Demographic attributes worldwide; ◦ Disaster led migration; ◦ Language-Endangered Hotspot; ◦ Population theories of Malthus, Marx and DTT; ◦ Types and patterns of rural settlements; ◦ Environmental issues in rural settlements; ◦ City model by E.W.Burgess, Homer Hoyt and Harris and Ullman; ◦ CBD; Distance decay principle in Indian cities <p>8. Cultural Settings:</p> <ul style="list-style-type: none"> ◦ Evolution of Indian society; ◦ Ethnic composition; ◦ Religious minorities; ◦ Indian population; ◦ Distribution of population; ◦ Spatial distribution of age structure, ◦ Sex-ratio, ◦ Work force, ◦ Dependency ratio and longevity

TEST NO & DATE	TOPICS & SUB TOPICS
TEST NO: 09 15 JANUARY, 2022	SETTLEMENT GEOGRAPHY 9. Settlements: <ul style="list-style-type: none">◦ Classification of Settlements;◦ Patterns and morphology of rural settlements;◦ Urban settlements in India;◦ Morphology of Indian cities;◦ Functional classification of India cities
TEST NO: 10 06 FEBRUARY, 2022	REGIONAL PLANNING & REGIONAL DEVELOPMENT AND PLANNING 10. Regional Planning: <ul style="list-style-type: none">◦ Concept of Region;◦ Types of Region and methods of Regionalism;◦ Perroux and Boudeville. 11. RDP- Development; <ul style="list-style-type: none">◦ Regional planning in India;◦ Five years plan;◦ panchayati raj and its role in rural development;◦ Command area development;◦ watershed management.
TEST NO: 11 20 FEBRUARY, 2022	PERSPECTIVES IN HUMAN GEOGRAPHY 12. Thought <ul style="list-style-type: none">◦ Systems Analysis;◦ Areal differentiation;◦ Dichotomy and Dualism;◦ Environmentalism;◦ Positivism;◦ Feminism;◦ Quantitative revolution;◦ Paradigms in Human Geography

TEST NO & DATE	TOPICS & SUB TOPICS
TEST NO: 12 06 MARCH, 2021	POLITICAL ASPECTS + CONTEMPORARY ISSUES + ENVIRONMENTAL GEOGRAPHY 13. Political Aspects <ul style="list-style-type: none">◦ Geographical basis of Indian federalism;◦ State reorganisation;◦ Emergence of new state post independence;◦ Regional consciousness and inter state issues. 14. Contemporary issues- <ul style="list-style-type: none">➤ Ecological issues;➤ Environmental hazards;➤ Environmental pollution;➤ Environmental impact assessment;➤ Climate change. 15. Environmental Geography <ul style="list-style-type: none">◦ Ecosystem and Biomes;◦ Terrestrial Flora and Fauna;◦ Major Biomes;◦ Ecology and Environment;◦ Global and regional ecological changes and imbalances.

LEVEL-2

SUB-TOPIC LISTING

TEST NO & DATE	TOPICS & SUB TOPICS
<p>TEST NO: 13</p> <p>13 MARCH, 2022</p>	<p>GEOMORPHOLOGY + CLIMATOLOGY + OCEANOGRAPHY + PHYSICAL SETTINGS</p> <p>1. Geomorphology:</p> <ul style="list-style-type: none"> ◦ Concepts of Geomorphic cycles and Landscape development; ◦ Idea of Davis, Penck and King on Cycle of Erosion; ◦ Normal cycle of Erosion and Arid cycle of Erosion; ◦ Polycyclic landforms; ◦ Development of Karst Topography; ◦ Glacial and Periglacial cycle of Erosion; ◦ Coastal Landforms ; ◦ Denudation chronology; ◦ Channel Morphology; ◦ Erosional surfaces; ◦ Slope development, Idea of Davis, Penck and King on slope evolution, Slope replacement and Parnell retreat; ◦ Applied Geomorphology- Geohydrology, Economic Geology and Environment. <p>2. Climatology-</p> <ul style="list-style-type: none"> ◦ Atmospheric Disturbances; ◦ Air Masses; ◦ Fronts; ◦ Midlatitude cyclone; ◦ Tropical cyclone;

TEST NO & DATE	TOPICS & SUB TOPICS
	<ul style="list-style-type: none"> ◦ Climatic classification of Koeppen's, Trewartha's and Thornthwaite's; ◦ Global climatic change and role and response of humans in climatic changes; ◦ Applied climatology and Urban climate. <p>3. Oceanography:</p> <ul style="list-style-type: none"> ◦ Coral reefs; ◦ Daly, Darwin and Davis theory of Coral reef formation; ◦ Wilkinson's report on loss of coral life; ◦ Sea level changes and its effects; ◦ United Nations convention on law of the Sea; ◦ Oceanic pollution and its effects over global environment. <p>4. Physical Settings:</p> <ul style="list-style-type: none"> ◦ Factors affecting the climate of India; ◦ Mechanism of the Monsoon; ◦ Seasonal Rhythm; ◦ Atmospheric disturbances; ◦ Koppen's, Thornthwaite's, Trewartha's and R.L.Singh's climatic classification of India.
<p>TEST NO: 14</p> <p>27 MARCH, 2022</p>	<p>PERSPECTIVES IN HUMAN GEOGRAPHY + POPULATION AND SETTLEMENT + SETTLEMENT + REGIONAL PLANNING + RDP</p> <p>5. Thought:</p> <ul style="list-style-type: none"> ◦ Concept of Landscape; ◦ Language, Secularisation; ◦ HDI Population and Settlement- Problems associated with population; ◦ Population as social capital; ◦ Social well-being and quality of life;

TEST NO & DATE	TOPICS & SUB TOPICS
	<ul style="list-style-type: none"> ◦ Nelson's model of functional classification of towns; ◦ Morphology of smart cities versus historical towns; ◦ Problems and remedies of Urbanisation. <p>6. Settlements:</p> <ul style="list-style-type: none"> ◦ Urbanisation in India; ◦ Conurbations and metropolitan regions; ◦ Town planning in India; ◦ Urbanisation problems in India; ◦ Slums and associated problems. <p>◦ Regional Planning:</p> <ul style="list-style-type: none"> ◦ Regional imbalances; ◦ Different regional development strategies; ◦ Environmental issues in regional planning. <p>7. RDP</p> <ul style="list-style-type: none"> ◦ Significance of Centralised Planning in 21st Century; ◦ Evolution of NITI Aayog; ◦ Development strategies of NITI Aayog; ◦ Multilevel planning; ◦ Planning for backward and resource deficit areas.
<p>TEST NO: 15</p> <p>03 APRIL, 2022</p>	<p>ECONOMIC GEOGRAPHY + RESOURCES + AGRICULTURE + INDUSTRY + TRANSPORT, COMMUNICATION AND TRADE + MODELS AND THEORIES)</p> <p>8. Economic Geography</p> <ul style="list-style-type: none"> ◦ Whittlesey's agricultural typology and its relevance in present times; ◦ Food and nutrition related issues; ◦ Agricultural productivity; ◦ Famine-causes, effects and remedies

TEST NO & DATE	TOPICS & SUB TOPICS
	<p>9. Resources:</p> <ul style="list-style-type: none"> ◦ Mineral Resources; ◦ Energy Resources; ◦ Energy Crisis. <p>10. Agriculture:</p> <ul style="list-style-type: none"> ◦ Green Revolution; ◦ Impact of Green Revolution; ◦ Ecological implications of green revolution; ◦ Third Green Revolution in India; ◦ Dry land farming; ◦ Agricultural Regionalisation; ◦ Agro-climatic Regions. <p>11. Industry:</p> <ul style="list-style-type: none"> ◦ New Industrial policies; ◦ Liberalisation, Privatisation and Globalisation; MNC;SEZ; ◦ Tourism. <p>12. Trade:</p> <ul style="list-style-type: none"> ◦ Trends in India's foreign trade; ◦ Import and Export trade of India; ◦ Export processing Zones. <p>13. Models:</p> <ul style="list-style-type: none"> ◦ Boundaries and frontiers; ◦ Heartland and Rimland concepts.
<p>TEST NO: 16</p> <p>10 APRIL, 2021</p>	<p>BIOGEOGRAPHY + ENVIRONMENTAL GEOGRAPHY + CONTEMPORARY ISSUES + CULTURAL SETTING + POLITICAL ASPECTS</p> <p>14. Environmental Geography:</p> <ul style="list-style-type: none"> ◦ Environmental Degradation and methods for conservation;

TEST NO & DATE	TOPICS & SUB TOPICS
	<ul style="list-style-type: none">◦ Environmental policies and legislation;◦ Environmental hazards and remedial measures;◦ Biodiversity and sustainable development. <p>15. Biogeography:</p> <ul style="list-style-type: none">◦ Wild life;◦ major Gene pool centres;◦ social forestry;◦ Farm forestry and Agroforestry. <p>16. Cultural Setting:</p> <ul style="list-style-type: none">◦ Problems associated with population;◦ Population policies;◦ Migration and its type;◦ Patterns of Migration;◦ Associated problems of Migration;◦ Human development; Health indicators. <p>17. Political Aspects:</p> <ul style="list-style-type: none">◦ International boundaries of India and its associated problems;◦ India's role in World affairs;◦ Strategic significance of Indian landmass;◦ Geopolitics of South Asia and Indian Ocean Realm. <p>18. Contemporary Issues:</p> <ul style="list-style-type: none">◦ Food security and related issues;◦ Deforestation;◦ Desertification;◦ Land degradation;◦ Agrarian crisis; Industrial unrest; Interlinking of Rivers;◦ Issues of Growth and Development;◦ Globalisation and Indian Economy.

LEVEL-3

SUB-TOPIC LISTING

TEST NO & DATE	TOPICS & SUB TOPICS
TEST NO: 17 AFTER PRELIMS	FULL MOCK 1- PAPER-1
TEST NO: 18 AFTER PRELIMS	FULL MOCK 1- PAPER-2
