

GEOGRAPHY FOUNDATION

4.5 Months Comprehensive Programme
to cover complete syllabus of
Geography Optional.

Class dictation to organise
most important topics

Daily Answer Writing Practice
and on the spot feedback by faculty

Embedding the **PYQ Discussion**
for a holistic preparation

Direct **One to One Discussion**
with the faculty on regular basis

Inculcating changing Pattern of
Geography Optional in recent past



PROGRAMME FEATURES

GEOGRAPHY

Discussion of **Previous Year paper** for understanding the changing trends

Special focus on **inculcating geographical thinking** among students

Special Sessions on **Map Marking** (India)

Extensive coverage of **Applied Geography** topics mainly related to Indian Geography

To enhance **answer writing skills**, regular answer writing sessions will be conducted.

Test series for assessment and gradual improvement: 12 tests including **8 sectional** and **4 mock tests**.

Regular Doubt clearing session with the faculty.

WHY GEOGRAPHY OPTIONAL

- 01 Multidimensional Scientific Humanistic subject
Easy for Doctor, Engineer & Arts Background
Students
- 02 Most preferred optional in UPSC Examination
- 03 Overall it cuts down the time required to complete
GS Syllabus
- 04 It covers 25% Syllabus of GS Mains and 1/3rd of
GS Prelims Question usually comes from
Geography and Environment
- 05 Ample scope for fetching good marks through
Logical & Diagrammatic Representation
- 06 Quality study material is easily available
- 07 At least one topic in Essay Paper is from Geography

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ABOUT FACULTY

In **GS SCORE** the Geography Optional Classes for UPSC Mains is under the guidance of **renowned Geography Faculty** _____. He has extensive teaching experience in UPSC field and has credit of helping number of students to become IAS/IPS/IRS etc. He believes in interactive learning so he regularly interact with the students to clear all their doubts. Overall, the faculty maintain a balanced interaction-base teaching careful monitoring of progress of students along with personal and detailed guidance for answer writing.

SYLLABUS TO BE COVERED

PAPER - I

PRINCIPLES OF GEOGRAPHY, PHYSICAL GEOGRAPHY

1. **Geomorphology:** Factors controlling landform development; endogenetic and exogenetic forces; Origin and evolution of the earth's crust; Fundamentals of geomagnetism; Physical conditions of the earth's interior; Geosynclines; Continental drift; Isostasy; Plate tectonics; Recent views on mountain building; Vulcanicity; Earthquakes and Tsunamis; Concepts of geomorphic cycles and Landscape development; Denudation chronology; Channel morphology; Erosion surfaces; Slope development ; Applied Geomorphology : Geohydrology, economic geology and environment.
2. **Climatology:** 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 fronto genesis, Temperate and tropical cyclones; Types and distribution of precipitation; Weather and Climate; Koppen's, Thornthwaite's and Trewartha's classification of world climates; Hydrological cycle; Global climatic change and role and response of man in climatic changes, Applied climatology and Urban climate.
3. **Oceanography:** 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.
4. **Biogeography:** 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.
5. **Environmental Geography:** Principle of 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,

SYLLABUS TO BE COVERED

management and conservation; Biodiversity and sustainable development; Environmental policy; Environmental hazards and remedial measures; Environmental education and legislation.

HUMAN GEOGRAPHY

SYLLABUS

1. **Perspectives in Human Geography:** Areal differentiation; regional synthesis; Dichotomy and dualism; Environmentalism; Quantitative revolution and locational analysis; radical, behavioural, human and welfare approaches; Languages, religions and secularization; Cultural regions of the world; Human development index.
2. **Economic Geography:** 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: locational patterns and problems; patterns of world trade.
3. **Population and Settlement Geography:** 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: Concepts 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.
4. **Regional Planning:** Concept of a region; Types of regions and methods of regionalization; Growth centres and growth poles; Regional imbalances; regional development strategies; environmental issues in regional planning; Planning for sustainable development.
5. **Models, Theories and Laws in Human Geography:** Systems 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; Rostov's model of stages of growth.

SYLLABUS TO BE COVERED

PAPER - 2

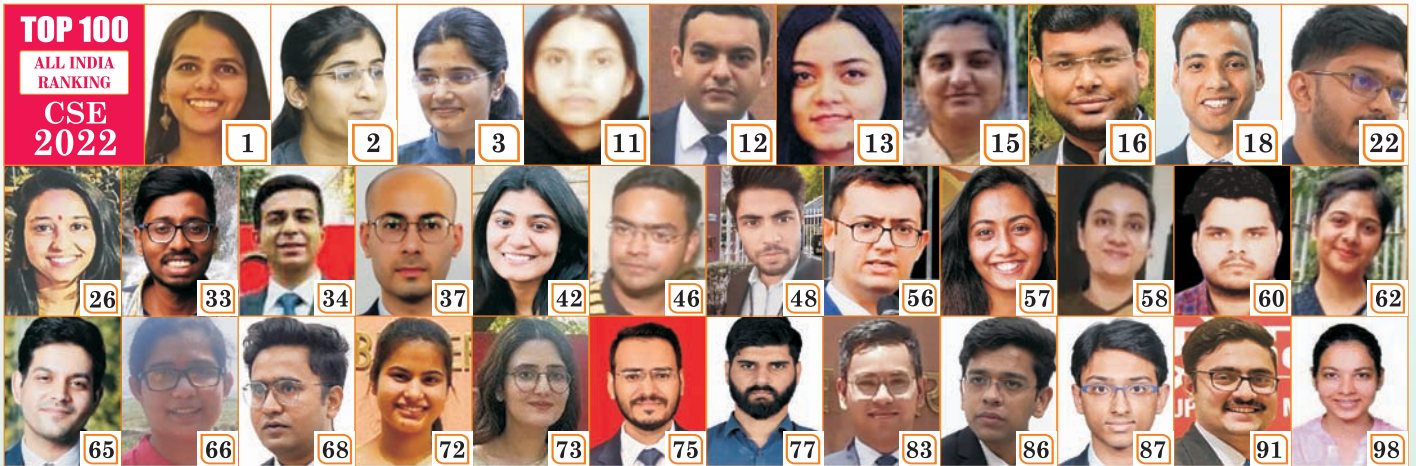
GEOGRAPHY OF INDIA

1. **Physical Setting:** Space relationship of India with neighboring 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.
2. **Resources:** Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.
3. **Agriculture:** 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, apiculture and poultry; agricultural regionalization; agro-climatic zones; agro-ecological regions.
4. **Industry:** Evolution of industries: Locational factors of cotton, jute, textile, iron and steel, aluminium, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries; Industrial houses and complexes including public sector undertakings; Industrial regionalization; New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco - tourism.
5. **Transport, Communication and Trade:** Road, railway, waterway, airway and pipeline networks 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.

SYLLABUS TO BE COVERED

SYLLABUS

- 6. Cultural Setting:** 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, intra-regional and international) and associated problems; Population problems and policies; Health indicators.
- 7. Settlements:** 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 urbanization and remedies.
- 8. Regional Development and Planning:** 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.
- 9. Political Aspects:** 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.
- 10. Contemporary Issues:** Ecological Issues: Environmental Hazards: landslides, earthquakes, Tsunamis, floods and droughts, epidemics' Issues relating 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.



SUCCESS WE DO PRACTICE

