GS SCORE

An Institute for Civil Services

IAS 2022

BATCH 1

GEOGRAPHY FOUNDATION 2021

BY: PRINCE MISHRA

ONLINE CLASSES

Batch Starts: 10 MAY, 2021

Visit: www.iasscore.in

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Programme HIGHLIGHTS

- 4.5 months Intensive Classroom Programme
- Comprehensive coverage of syllabus in time bound manner
- Special focus on inculcating geographical thinking among the students
- Extensive coverage of Applied Geography topics mainly related to India Geography
- Special Classes on Case Study Discussions related to India Geography
- Special Sessions on India Map Marking
- Meticulously designed Study Materials
- Discussion of Previous Years Question Papers to get an idea about changing dynamics of Geography Optional
- Intensive Answer Writing Skill Development through uniquely designed Test Series comprising of 16 Tests and having three Levels (ie Level 1, Level 2 and Level 3) of Assessment

Why Geography Optional?

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

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Programme APPROACH

Why to join Geography Optional at GS Score?

Here in GS SCORE we do not just cover the easy and popular topics of the syllabus rather our expert faculty will teach Geography Optional according to the recent trends in Geography Optional. Special focus will be given to those topics which are not clearly defined and also not covered in traditional books and class notes but mostly questions being regularly asked from these topics.

As maps and diagrams are the most important tools available to score good marks in Geography Optional. So along with the class special focus will be given to Practice Map Drawing and Diagrams.

All the Foundation Batch students will get Uniquely Designed Three Levels of Geography Optional Test Series

About Faculty

In GS SCORE the Geography optional classes for UPSC mains is under the guidance of Renowned Geography faculty PRINCE MISHRA. 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 interacts with the students to clear all the doubts of students.

Procedure for ONLINE CLASSES

ONLINE CLASSES

- To enroll student has to register on the website using Registration Form or Google Login or Facebook Login.
- If already registered login with your username and password which you have used for registration.
- Account for Online Classes will be activated within one working day of Enrollment or before batch Starts.
- Classes will be conducted online as per the class schedule.
- Weekly Class Schedule will be uploaded into students account with session plan and doubt clearing sessions schedule.
- Study Material is into two formats i.e. printed and pdf.
- Printed Study Material, if any will be dispatched by courier within a week of enrollment.
- Soft Copy notes will be uploaded in PDF format into your account.

DOUBT CLEARING

- One on one doubt clearing session will be conducted with concern faculties on Google Meet as per schedule.
- Students can put their doubts in chat box given into their account with each session.
- Students can also interact with faculty though phone or whatsApp for doubt clearing.
- After evaluation of mains test copy, one on one discussion with respective faculty will be done on phone.

GEOGRAPHY TEST SERIES

- Tests will be uploaded in PDF format in your account.
- To write the test students have to download the PDF of test paper booklet or write the test in A4 sheet with proper spacing as per UPSC pattern. After writing the test send us back scanned copy in pdf format for evaluation.
- Further evaluated test copy will be sent back to the students within 15 days after receiving the answer sheet.
- Test discussion video will be uploaded into your account on the scheduled test date.
- Once student will receive evaluated copy, one to one discussion with concerned faculty/experts will be arranged via phone call or live interaction.

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GEOGRAPHY SYLLABUS

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

HUMAN GEOGRAPHY

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.

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.

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.

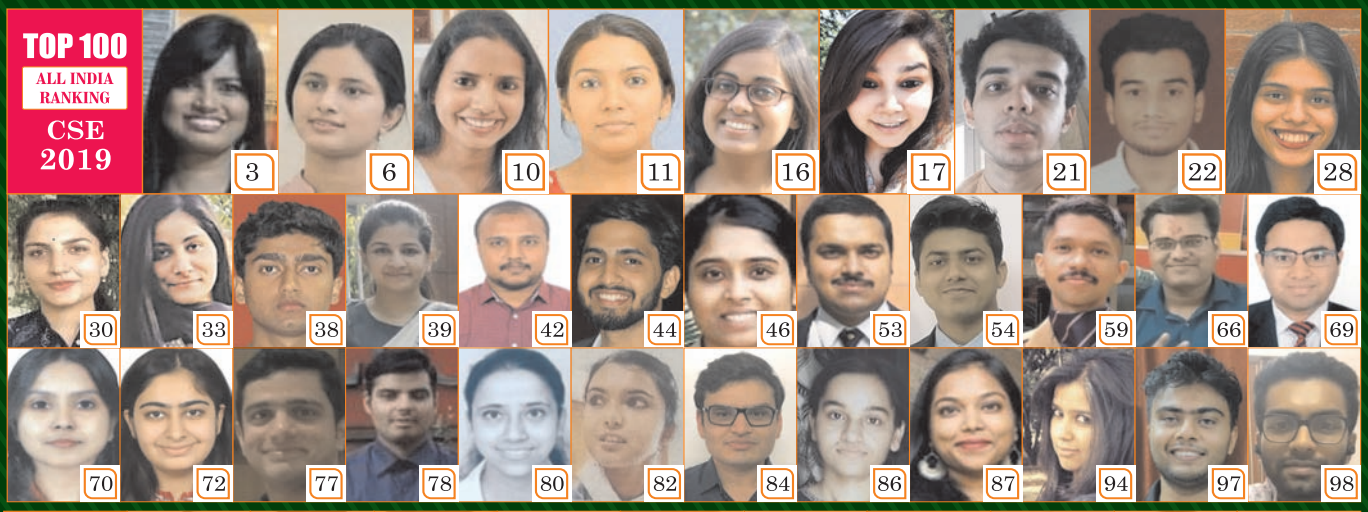
7. **Settlements:** Types, patterns and morphology of rural settlements; Urban developments; Morphology of Indian cities; Functional classification of Indian cities; Conurbations and metropolitan regions; urban sprawl; Slums and associated problems; town planning; Problems of urbanization and remedies.

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 conciousness and inter state issues; internatinal 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, earchquakes, 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 sustianable growth and development; Environmental awareness; Linkage of rivers; Globalisation and Indian economy.

CSE RESULTS



SUCCESS IS A PRACTICE
WE DO!

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