

GEOGRAPHY OPTIONAL TEST SERIES REVISION PLAN

As the Prelims date has been extended it is the right time to balance it with your Optional Preparation. Since you'll practically get around 2 and a half months to prepare for your mains after prelims, you can't leave your optional Preparation till prelims get over. Hence we are starting a short Test series which will help you to revise, brush up your optional in two months.

The Test series will be conducted by **Atyab Ali Zaidi sir**. He is an alumnus of NIT Allahabad, Chemical Engineering and is one of the Core members of IASbaba team.

He has been mentoring UPSC aspirants since past 5 years and many of his students have qualified this prestigious exam with flying colours.

The testimony of the quality of the classes is the following feedback comments provided by the students of the last year's batch.

Plim Reikhenamai · 4 months ago

I took my geography optional classes from IASBABA. Atyab sir and Vivek sir were the two teachers who distributed the syllabus between them and completed it. I'm so privileged to have learned geography from them.

Initially, when I decided for geography as my optional, I was made convinced by every friends - - seniors and juniors, to opt for either Shabbir sir(Vajiram) or Neetu ma'am who were considered the best in Geography. I even bought notes of shabbir sir and read from them.. No wonder they are famous, they do teach geography very well but

having completed my geo classes from IASBABA, I realised that the teachers here were much more focused on concepts clarity, more updated, supportive, students friendly and most importantly completing the entire syllabus with awesome ready-To-use notes..

Saying again, Shabbir sir and neetu ma'am indeed have taught geography well in many topics but overall I personally feel, they kinda over taught and over loaded with informations in many areas leading to haphazard completion of topics in many units and not doing justice as much as the teachers here in IASBABA did..

About the teachers-

Atyab sir is someone who have written Mains with geography optional twice thrice, always amongst the top scorers in geography in all attempts. He teaches the physical geography in both paper 1 and 2. He teaches physical geography so well that i can guarantee you will never be confused with physical geo concepts again. His choice of words, explanations of all concepts are very good that you could keep on revising his notes and rely on it 100% and even consider not referring any other books beyond his notes. His sense of humour is the favourite for all the IASbaba students(both GS and optional 😄). His time to time "Manoranjans"(so he coined) are without doubt impressive, entertaining, brilliant and so informative.

Yogesh Shitole · 4 months ago · edited

For me it was my first encounter with geography after my school days...
I would like to thank Atyab sir for making learning geography easy for me.
He has very unique way of teaching.
He starts every topic from very basics n build it slowly with advanced insights, sometimes top it up with interesting stories bonus...😊(more emphasis is on conceptual understanding)

Mohsin khan · 4 months ago

I took coaching for geography optional at IAS baba this year and I must tell all that it is a very good Initiative.
I wanted a good coaching centre nearby my home and this proved to be not only nearer but also of very good quality.
To make my friends in deciding their choice I can list as to why one should consider Geography optional at IAS baba:
* One of the teacher is Atyab sir, and he is awesome in explaining the concepts in a simple language. His tone is slow such that it doesn't require any effort to concentrate (since it was my problem). He illustrates the difficult concepts with examples and tries to highlight the important concepts and parts of syllabus in consonance with previous year questions such that it helps the students to get a picture of "from where the questions are framed".
* Often sir gives extra GK for prelims(which helped me this time). I was able to solve some preliminary exam questions this time because of him.
* Since sir himself has written mains many times and scored one of the highest marks in it, he knows the areas where students get trapped. There he comes your rescue.

Objectives of the program:

- The aim of the program is to groom the students with geography optional to approach the subject properly and learn how to write a proper geographical answer.
- There have been several misconceptions spread in the market which have made the aspirants believe that it is impossible to score well in Geography. However, every year there is atleast one person to get a top 10 rank. It means that if you write according to the demand of the question, you are definitely going to score well. The mentorship will provide you this guideline.
- To provide enough practice to the students so that they can feel comfortable with slightly twisted questions also.

Components of Geography Test Series:

- A total of **8 tests** with **4 sectional** test and **4 full test**. (Only online)
- All the students will get **personal mentorship**. Mentor will point out the individual mistakes and help in overall guidance. (NOTE: Onus will lie on the student to call the mentor on time to discuss the issues.)
- Proper evaluation of the answer sheets and a **detailed feedback**.
- **Value Add notes** for some specific topics will be provided

Geography Optional Test Series Schedule

Test No	Date of Test	Topics	Sources
1	21/06/20	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.	-Geomorphology by Savinder Singh (Ch-1, 10 concepts. Physical geography by Savinder Singh. -G.C.LEONG. -PHYSICAL GEO- RUPA PUBLICATIONS. -Earth’s Dynamic Surface – K. Siddhartha -Strahler and Strahler

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 centers.

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.

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.

		<p>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.</p>	
2	01/07/20	<p>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 secularisation; Cultural regions of the world; Human development index.</p> <p>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. Heartland and Rimland theories; Laws of international boundaries and frontiers.</p>	<p>-Geographical thoughts: R.D.Dixit -Evolution of geo thoughts : Majid Hussain -Geo thought: Sudeepta Adhikari -Models in geo: Majid Hussain -Economic and Social Geography – Rupa Publication</p>

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.

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.

		<p>Regional Planning: 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.</p>	
3	11/07/20	<p>Simulated full length test of PAPER –I</p>	
4	21/07/20	<p>Indian Geography-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.</p> <p>Resources: Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.</p>	<p>-Indian Geography - Khullar -Introduction to Indian Geography – Majid Hussain - Economic Survey - NITI Aayog’s plan document</p>

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 regionalisation; agro-climatic zones; agro-ecological regions.

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 regionalisation; New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco-tourism.

		<p>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.</p>	
5	01/08/20	<p>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.</p> <p>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.</p>	Introduction to Indian Geography – Majid Hussain

Regional Development and Planning:

Experience of regional planning in India; Five Year Plans; Integrated rural development programmes; Panchayati Raj and decentralized 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.

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.

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.	
6	11/08/20	SIMULATED FULL LENGTH TEST PAPER - II	
7	21/08/20	SIMULATED FULL LENGTH TEST PAPER - I	
8	01/09/20	SIMULATED FULL LENGTH TEST PAPER - II	

