

OCS 2024 (MAIN)

GEOGRAPHY (O)

🏠 Online/Offline Test Series

- » Total **8 Tests** (2 Sets of VSTs)
- » Mapping Practice
- » Chapter-wise Soft Copy of All Important Books
- » Aligned with **changing Exam pattern** for Optional (10 /15/20/30/ 60 markers)
- » **QA Discussion** on Demand
- » **Quality Evaluation** by OCS Qualified Mentor

Faculty:
Deepak Sir &
Sandeep Sir

| Test no | Geography Syllabus | Date & Time |
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| Test 1 | <p style="text-align: center;">Paper-I Principles of Geography Section-A Physical Geography</p> <p>i) <u>Geomorphology:</u> Origin of the earth, Physical conditions of the earth's interior; continental drift; isostasy; plate tectonics; mountain building; volcanism and earthquakes; weathering and erosion, Concepts of geomorphic cycles (Davis and Penck), Landforms associated with fluvial, arid, glacial, coastal and karst region, Polycyclic landforms.</p> <p>ii) <u>Climatology:</u> Temperature and pressure belts of the world; heat budget of the earth; atmospheric circulation; planetary and local winds; monsoons and jet streams; air masses and fronts; temperate and tropical cyclones; types and distribution of precipitation; Koppen's and Thorn thwaite's classification of world climate; hydrological cycle; climatic change.</p> <p>iii) <u>Oceanography :</u> Bottom topography of the Atlantic, Indian and Pacific Oceans; temperature and salinity of the oceans; ocean deposits; ocean currents and tides; marine resources and their utilizations, Coral reefs;</p> <p>iv) <u>Biogeography :</u> Genesis of soils; classification and distribution of soils; soil profile; soil erosion and conservation; factors influencing world distribution of plants and animals; problems of deforestation and conservation measures; social forestry, agroforestry.</p> <p>v) <u>Environmental Geography :</u> Concept and types of environment, Environmental degradation and management. Ecosystems and their management; Energy flow and Bioge- chemical cycles, Global ecological imbalances–problems of pollution, global warming, reduction in bio-diversity and depletion of forests.</p> | <p>24th August 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm)</p> |
| Test 2 | <p style="text-align: center;">Section-B Human Geography</p> <p>i) <u>Perspectives in Human Geography:</u> Areal differentiation; regional synthesis; dichotomy and dualism; environmentalism; quantitative revolution and locational analysis; radical, behavioural, human and welfare approaches; Cultural regions of the world, Human development indicators.</p> <p>ii) <u>Economic Geography:</u> World economic development–measurement</p> | <p>14th September 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm)</p> |

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| | <p>and problems; world resources and their distribution; energy crisis; the limits to growth; World agriculture–typology of agricultural regions; Von-Thunen’s theory of agricultural location; World industries–locational patterns and locational theories of Weber; Hoover, Losch and Smith, Patterns of world trade.</p> <p>iii) Population Geography: Growth and distribution of world population; demographic attributes; causes and consequences of migration; concepts of over–, under– and optimum population; world population problems. Races of man kind.</p> <p>iv) Settlement Geography : Types and patterns of rural settlements; hierarchy of urban settlements; Cristaller’s Central Place Theory, concept of primate city and rank-size rule; functional classification of towns; sphere of urban influence; rural-urban fringe; satellite town; problems of urbanisation.</p> <p>v) Regional Planning: Concept of region; types of regions and methods of regionalisation; growth centres and growth poles; regional imbalances; multi-level planning; planning for sustainable development. Rostov Model of Stages of Growth.</p> <p>Note: Candidates will be required to answer one compulsory map question pertinent to subjects covered by this paper.</p> | |
| <p>Test 3</p> | <p style="text-align: center;">Paper-II</p> <p style="text-align: center;">Geography of India with special reference to Odisha</p> <p style="text-align: center;">Section-A.</p> <p>i) Physical Aspects: Structure and relief; drainage system and watersheds; physiographic regions; mechanism of Indian monsoons; tropical cyclones and western disturbances; floods and droughts; climatic regions; natural vegetation, soil types and their distributions.</p> <p>ii) Resources: Concept and types of resources, land, water, energy, minerals, and biotic resources, their distribution, utilisation and conservation; energy crisis.</p> <p>iii) Agriculture: Infrastructure–irrigation, seeds, fertilizers, power; Types of crops agricultural productivity, agricultural intensity, crop combination, land capability; agroand social forestry; Green Revolution - its socio-economic and ecological implications; significance of dry farming; livestock resources and White Revolution; Blue Revolution; agricultural regionalisation; agro-climatic zones.</p> <p>iv) Industry: History of industrial development; locational factors of cotton, jute, iron and steel, fertilizer and paper, industries, industrial complexes and industrial regionalization; new industrial policy; role of multinationals, liberalization and globalisation.</p> <p>v) 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; free trade and export promotion zones; developments in communication technology and its impact on economy and society.</p> | <p>9th November 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm)</p> |
| <p>Test 4</p> | <p style="text-align: center;">Section-B</p> <p>i) Cultural Setting: Racial and ethnic diversities; major tribes, tribal areas and their problems; the role of language, religion and tradition in the formation of cultural regions; growth, distribution and density of population; demographic attributes–sex-ratio, age structure, literacy rate, work-force, dependency ratio and longevity; migration (interregional, intra-regional and international) and associated problems,</p> | <p>7th December 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm)</p> |

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| | <p>population problems and policies.</p> <p>ii) Settlements: Types, patterns and morphology of rural settlements; urban development; Census definition of urban areas; morphology of Indian cities; functional classification of Indian cities; conurbations and metropolitan regions; urban sprawl; slums and associated problems; town planning; problems of urbanisation.</p> <p>iii) 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 and tribal area development; multi-level planning; geography and regional planning.</p> <p>iv) Political Aspects: Geographical basis of Indian federalism; state reorganisation; regional consciousness and national integration; international boundary of India and related issues; disputes on sharing of water resources; India and geopolitics of the Indian Ocean.</p> <p>v) Contemporary Issues: Environmental hazards—landslides, earthquakes, Tsunami, cyclones, 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; Disasters in India and their management. Problems of agrarian and industrial unrest; regional disparities in economic development; concept of sustainable growth and development.</p> | |
| Test 5 | VST 1 (Paper 1) | 14 th December 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm) |
| Test 6 | VST 1 (Paper 2) | 14 th December 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm) |
| Test 7 | VST 2 (Paper 1) | 21 st December 2025 Time – 3 Hour Full Mark - 250 (9am-12 pm) |
| Test 8 | VST 2 (Paper 2) | 21 st December 2025 Time – 3 Hour Full Mark - 250 (2 pm-5 pm) |

Note: Candidates will be required to answer one compulsory map question pertinent to subjects covered by this paper.

FEE STRUCTURE for Home Science Online Optional Class & Test series

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