



APTI PLUS

Academy for Civil Services Pvt. Ltd.

CREATING CIVIL SERVANTS FOR THE NATION

GEOGRAPHY
OPTIONAL
TEST SERIES
PROGRAM
2024

GEOGRAPHY

Sr. No.	Test ID	Date	Syllabus
1	TEST ID: 01	17 th November 2025	Paper-I Section-A Physical Geography i) Geomorphology : 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. ii) Climatology : 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 Thornthwaite's classification of world climate; hydrological cycle; climatic change. iii) Oceanography : 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; iv) Biogeography : 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. v) Environmental Geography : Concept and types of environment, Environmental degradation and management. Ecosystems and their management; Energy flow and Biogeochemical cycles, Global ecological imbalances-problems of pollution, global warming, reduction in bio-diversity and depletion of forests.

2	TEST ID: 02	30 th November 2025	Paper - II Section-A 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. ii) Resources : Concept and types of resources, land, water, energy, minerals, and biotic resources, their distribution, utilisation and conservation; energy crisis. 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. iv) Industry : History of industrial development; locational factors of cotton, jute, iron and steel, fertilizer and paper, industries, industrial complexes and industrial regionalisation; new industrial policy; role of multinationals, liberalization and globalisation. 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.
3	TEST ID: 03	15 th December 2025	Paper-I Section-B Human Geography i) Perspectives in Human Geography : 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.

			ii) 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; Von-Thunen's theory of agricultural location; World industries-locational patterns and locational theories of Weber; Hoover, Losch and Smith, Patterns of world trade. 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. 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. 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.
4	TEST ID: 04	30th December 2025	Paper II Section-B i) Cultural Setting : Racial and ethnic diversities; major tribes, tribal areas and their problems; 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, population problems and policies. 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. 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. 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. 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.
5	TEST ID: 05	11 th January 2026	FULL LENGTH TEST PAPER I
6	TEST ID: 06	11 th January 2026	FULL LENGTH TEST PAPER II