

Geography Test Series Schedule

Test no	Date	Paper	Chapters	Detailed syllabus
1	01-July-2018	Paper-1 And Paper-2	Chapter-1& 3 And Chapter-1	<p><u>Paper-1(Chapter-1&3)</u></p> <ol style="list-style-type: none"> 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 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

				<p>of the sea and marine pollution.</p> <p><u>Paper-2(Chapter-1)</u></p> <p>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.</p>
2	08-July-2018	Paper1 And Paper-2	Chapter-2,7 And Chapter-2,3,4	<p><u>Paper-1-Chapter-2,7</u></p> <p>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.</p> <p>7. Economic Geography:World economic development: measurement and problems; World resources and their</p>

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.

Paper -2 -Chapter-2,3,4

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 regionalisation; agro-climatic zones; agroecological 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 regionalisation; New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco - tourism.
3	15-July-2018	Paper1 And Paper-2	Chapter-6,10 And Chapter-9	<p><u>Paper-1-Chapter-6,10</u></p> <p>6. 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.</p> <p>10. 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; Ostov's model of stages of growth.</p> <p><u>Paper -2 - Chapter-9</u></p> <p>9. Regional Planning: Concept of a region; Types of regions and methods of regionalisation; Growth centres and growth poles; Regional imbalances; regional</p>

				development strategies; environmental issues in regional planning; Planning for sustainable development.
4	22-July-2018	Paper-1 And Paper-2	Chapter-8 And Chapter-6,7	<p><u>Paper-1 -chapter-8</u></p> <p>8. 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> <p><u>Paper -2 - Chapter-6,7</u></p> <p>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,</p>

				<p>longevity; migration (inter-regional, intra- regional and international) and associated problems; Population problems and policies; Health indicators.</p> <p>7. Settlements:Types, patterns and morphology of rural settlements; Urban development's; 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>
5	29-July-20418	Paper1 And Paper-2	Chapter-9 And Chapter-8	<p><u>Paper-1 - chapter-9</u></p> <p>9. 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> <p><u>Paper -2-Chapter-8</u></p> <p>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</p>

				island territories.
6	05- August- 2018	Paper-1 And Paper-2	Chapter-4,5 And Chapter- 5,10	<p><u>Paper-1 - chapter-4,5</u></p> <p>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.</p> <p>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</p> <p><u>Paper -2-Chapter-5,10</u></p> <p>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;</p>

				<p>Indian space programme.</p> <p>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.</p>
7	12- August- 2018	Paper-1		Physical Geography
8	19- August- 2018	Paper-2		Human & Economic Geography
09	26- August- 2018	Comperhensive Test Paper-1		
10	02- Septemb er-2018	Comperhensive Test Paper-2		