

Geography Optional Schedule May 2019

Basic Physical Geography

Session	Date	Day	Timings	Topics
Climatology 1	27-05-2019	Monday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Introduction to Climatology 2. Origin of the Atmosphere 3. Structure of the Atmosphere 4. Insolation and Heat Budget
Climatology 2	10-10-2018	Wednesday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Temperature Belts 2. Inversion of Temperature 3. Pressure Belts
Climatology 3	11-10-2018	Thursday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Atmospheric Circulation 2. Planetary Winds 3. Upper-air Westerlies and Jet Streams
Climatology 4	12-10-2018	Friday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Local Winds 2. Atmospheric Stability and Instability 3. Atmospheric humidity and its types 4. Condensation and its forms
Climatology 5	13-10-2018	Saturday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Clouds and its types 2. Types and distribution of precipitation



Climatology 6	15-10-2018	Monday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Airmasses 2. Fronts and its types
Climatology 7	16-10-2018	Tuesday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Temperate Cyclones 2. Tropical Cyclones
Climatology 8	17-10-2018	Wednesday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Other Atmospheric Disturbances 2. Hydrological Cycle
Climatology 9	18-10-2018	Thursday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Climatic Classification <ol style="list-style-type: none"> i. Koppen ii. Thornthwaite
Climatology 10 + Answer Writing 1	19-10-2018	Friday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Climatic Classification <ol style="list-style-type: none"> i. Trewartha
			7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 2. Solving Previous Year Questions of Climatology
Class Test 1	20-10-2018	Saturday		<ol style="list-style-type: none"> 1. Climatology Test
Geomorphology 1	22-10-2018	Monday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Introduction to Geomorphology 2. Geological Time Scale 3. Physical Conditions of the earth's interior
Geomorphology 2	23-10-2018	Tuesday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Continental Drift 2. Post Drift Studies 3. Plate Tectonics Theory
Geomorphology 3	24-10-2018	Wednesday	7:30 AM - 10:30 AM	<ol style="list-style-type: none"> 1. Volcanism



Perspectives in Human Geography 4	15-11-2018	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Areal differentiation2. regional synthesis
Perspectives in Human Geography 5	16-11-2018	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Quantitative revolution and locational analysis2. System Analysis
Perspectives in Human Geography 6	17-11-2018	Saturday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Behavioural Approach
Perspectives in Human Geography 7	19-11-2018	Monday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Humanistic Approach
Perspectives in Human Geography 8	20-11-2018	Tuesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">2. Radical Approach3. Welfare Approach
Perspectives in Human Geography 9	21-11-2018	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Environmentalism2. Cultural regions of the world
Perspectives in Human Geography 10	22-11-2018	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Languages, religions and secularisation
Population Geography + Cultural Setting 1	23-11-2018	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Malthusian Population Model2. Marxian Population Theory
Population Geography + Cultural Setting 2	24-11-2018	Saturday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Demographic transition model
Population Geography + Cultural Setting 3	26-11-2018	Monday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Population theories2. Concepts of over-under-and optimum population
Population Geography + Cultural Setting 4	27-11-2018	Tuesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Demographic attributes: India and World (Growth, distribution and density of population)
Population Geography + Cultural Setting 5	28-11-2018	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Demographic attributes: India and World (sex-ratio, literacy rate and age structure)
Population Geography + Cultural Setting 6	29-11-2018	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Demographic attributes: India and World (work-force, dependency ratio, longevity)
Population Geography + Cultural Setting 7	30-11-2018	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Causes and consequences of migration2. migration (inter-regional, intra- regional and international) and associated problems

Population Geography + Cultural Setting 8	01-12-2018	Saturday	8:00 AM – 10:30 AM	1. Historical Perspective of Indian Society; Racial, linguistic and ethnic diversities
Population Geography + Cultural Setting 9	02-12-2018	Sunday	8:00 AM – 10:30 AM	1. religious minorities; 2. major tribes, tribal areas and their problems
Population Geography + Cultural Setting 10	03-12-2018	Monday	8:00 AM – 10:30 AM	1. Cultural regions of the India 2. Health indicators
Population Geography + Cultural Setting 11	04-12-2018	Tuesday	8:00 AM – 10:30 AM	1. Population problems and policies 2. Social well-being and quality of life; 3. Population as social capital
Settlement I + II 1	05-12-2018	Wednesday	8:00 AM – 10:30 AM	1. Types, patterns and morphology of rural settlements 2. Environmental issues in rural settlements
Settlement I + II 2	06-12-2018	Thursday	8:00 AM – 10:30 AM	1. Hierarchy of urban settlements 2. Concepts of primate city and rank-size rule
Settlement I + II 3	07-12-2018	Friday	8:00 AM – 10:30 AM	1. Central Place theories of Christaller and Losch
Settlement I + II 4	08-12-2018	Saturday	8:00 AM – 10:30 AM	1. Urban morphology 2. Morphology of Indian cities
Settlement I + II 5	09-12-2018	Sunday	8:00 AM – 10:30 AM	1. Functional classification of towns 2. Functional classification of Indian cities 3. Sphere of urban influence
Settlement I + II 6	10-12-2018	Monday	8:00 AM – 10:30 AM	1. Urban developments 2. Rural urban fringe 3. Urban Sprawl
Settlement I + II 7	11-12-2018	Tuesday	8:00 AM – 10:30 AM	1. Satellite Towns 2. Slums and associated problems; 3. Problems of urbanization and remedies
Settlement I + II 8	12-12-2018	Wednesday	8:00 AM – 10:30 AM	1. Town planning; 2. Sustainable development of cities
Class Test 3	01-01-2019	Monday	8:00 AM – 11:00 AM	1. Human Geography Test

Advanced Physical Geography

Session	Date	Day	Timings	Topics
Geomorphology 6	21-12-2018	Friday	8:00 AM – 10:30 AM	1. Endogenetic forces & Landforms 2. Weathering
Geomorphology 7	22-12-2018	Saturday	8:00 AM – 10:30 AM	1. Mass wasting 2. Slope development
Geomorphology 8	23-12-2018	Sunday	8:00 AM – 10:30 AM	3. Slope development 4. Concept of Geomorphic cycle
Geomorphology 9	24-12-2018	Monday	8:00 AM – 10:30 AM	1. Concept of geomorphic cycle & landform development
Geomorphology 10	25-12-2018	Tuesday	8:00 AM – 10:30 AM	1. Concept of geomorphic cycle & landform development
Geomorphology 11	26-12-2018	Wednesday	8:00 AM – 10:30 AM	1. Fluvial Processes & Landforms
Geomorphology 12	27-12-2018	Thursday	8:00 AM – 10:30 AM	1. Channel Morphology
Geomorphology 13	28-12-2018	Friday	8:00 AM – 10:30 AM	1. Arid cycle & Landforms 2. Karst cycle and landforms
Geomorphology 14	29-12-2018	Saturday	8:00 AM – 10:30 AM	1. Karst cycle & landforms 2. coastal cycle & Landforms
Geomorphology 15	30-12-2018	Sunday	8:00 AM – 10:30 AM	1. Glacial cycle & landforms 2. Periglacial cycles & landforms
Geomorphology 16	02-01-2019	Wednesday	8:00 AM – 10:30 AM	1. Erosion surfaces 2. denudation Chronology
Geomorphology 17	03-01-2019	Thursday	8:00 AM – 10:30 AM	1. Factors controlling landform evolution
Geomorphology 18	04-01-2019	Friday	8:00 AM – 10:30 AM	1. Applied Geomorphology
Climatology 11	05-01-2019	Saturday	8:00 AM – 10:30 AM	1. Applied Climatology and Urban Climate
Biogeography 2	06-01-2019	Sunday	8:00 AM – 10:30 AM	1. Factors influencing world distribution of P & A
Biogeography 3	07-01-2019	Monday	8:00 AM – 10:30 AM	1. Biomes
Biogeography 4	08-01-2019	Tuesday	8:00 AM – 10:30 AM	1. Biomes
Biogeography 5	09-01-2019	Wednesday	8:00 AM – 10:30 AM	1. Factors influencing formation of Biotic Regions
Biogeography 6	10-01-2019	Thursday	8:00 AM – 10:30 AM	1. Floristic Regions



Biogeography 7	11-01-2019	Friday	8:00 AM – 10:30 AM	1. Faunistic Regions
Environment Geography 1	12-01-2019	Saturday	8:00 AM – 10:30 AM	1. Principles of ecology
Environment Geography 2	13-01-2019	Sunday	8:00 AM – 10:30 AM	1. Human ecological adaptations 2. Influence of man on ecology and environment
Environment Geography 3	14-01-2019	Monday	8:00 AM – 10:30 AM	1. Global and regional ecological changes and imbalances 2. Global climatic change and role and response of man in climatic changes
Environment Geography 4	15-01-2019	Tuesday	8:00 AM – 10:30 AM	1. Global climatic change and role and response of man in climatic changes
Environment Geography 5	16-01-2019	Wednesday	8:00 AM – 10:30 AM	1. Problems of deforestation and conservation measures 2. Wild Life 3. Major Gene pool resources
Environment Geography 6	17-01-2019	Thursday	8:00 AM – 10:30 AM	1. Coral bleaching 2. Sea-level changes 3. law of the sea and marine pollution
Environment Geography 7	18-01-2019	Friday	8:00 AM – 10:30 AM	1. Ecosystem their management and conservation 2. Environmental degradation, management and conservation 3. Principles of environmental impact assessment and environmental management 4. Biodiversity and sustainable development
Environment Geography 8	19-01-2019	Saturday	8:00 AM – 10:30 AM	1. Environmental hazards and remedial measures 2. Environmental education and legislation
Contemporary Issues 1	21-01-2019	Monday	8:00 AM – 10:30 AM	1. Environmental Hazards and Disasters 2. Floods
Contemporary Issues 2	22-01-2019	Tuesday	8:00 AM – 10:30 AM	1. Droughts 2. Landslides 3. Earthquakes 4. Tsunamis



Contemporary Issues 3	23-01-2019	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Epidemics2. Disaster Management3. Issues relating to environmental pollution
Class Test 4	27-01-2019	Sunday	9:00 AM – 12:00 AM	<ol style="list-style-type: none">1. Advanced Physical Geography Test

Human Geography II

Session	Date	Day	Timings	Topics
Economic Geography 1	24-01-2019	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. World economic development: measurement and problems2. Human Development Index
Economic Geography 2	25-01-2019	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Food and nutrition problems2. Food security3. Famine: causes, effects and remedies
Resources 1	28-01-2019	Monday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Concept of resources and resource management2. Land Resource + Changes in patterns of land use3. Surface and ground water + Linkage of rivers
Resources 2	29-01-2019	Tuesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Energy resources2. Energy crisis
Resources 3	30-01-2019	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Mineral Resources2. Biotic and marine resources; Forest and wild life resources and their conservation
Agriculture 1	31-01-2019	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Infrastructure: irrigation, seeds
Agriculture 2	01-02-2019	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none">1. Infrastructure: Fertilizers, power2. Institutional factors: land holdings, land tenure and land reforms

Agriculture 3	02-02-2019	Saturday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Green revolution and its socio-economic and ecological implications 2. Significance of dry farming
Agriculture 4	03-02-2019	Monday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Livestock resources and white revolution 2. Aqua - culture 3. Sericulture, apiculture and poultry
Agriculture 5	04-02-2019	Tuesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Von Thunen Model of Agricultural Location 2. Agricultural productivity and agricultural intensity 3. Land capability
Agriculture 6	05-02-2019	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Cropping Pattern 2. Crop combination 3. Agricultural regionalisation
Agriculture 7	06-02-2019	Thursday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. World agriculture: typology of agricultural regions 2. Agro-climatic zones 3. Agro- ecological regions 4. Agrarian Crisis
Industry 1	07-02-2019	Friday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. World industries: locational patterns and problems 2. Weber's model of industrial location
Industry 2	08-02-2019	Saturday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Locational factors of cotton, jute, textile, iron and steel, aluminium industries
Industry 3	09-02-2019	Monday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Locational factors of fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries
Industry 4	10-02-2019	Tuesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. Industrial houses and complexes including public sector undertakings 2. Industrial regionalisation 3. Special Economic Zones 4. Tourism including eco-tourism 5. Industrial Crisis
Industry 5	11-02-2019	Wednesday	8:00 AM – 10:30 AM	<ol style="list-style-type: none"> 1. New industrial policies



Transport, Communication and Trade 1	12-02-2019	Thursday	8:00 AM – 10:30 AM	2. Multinationals and liberalization 1. Road, railway, waterway networks and their complementary roles in regional development;
Transport, Communication and Trade 2	13-02-2019	Friday	8:00 AM – 10:30 AM	1. Airway and pipeline networks and their complementary roles in regional development 2. Growing importance of ports on national and foreign trade
Transport, Communication and Trade 3	14-02-2019	Saturday	8:00 AM – 10:30 AM	1. Trade balance and Trade Policy 2. Export processing zones 3. Developments in communication and information technology and their impacts on economy and society 4. Indian space programme
Regional Planning and Development 1	15-02-2019	Sunday	8:00 AM – 11:30 PM	1. Concept of a region 2. Types of regions and methods of regionalisation 3. Growth centres and growth poles + Perroux and Boudeville
Regional Planning and Development 2	16-02-2019	Monday	8:00 AM – 11:30 PM	1. Regional imbalances 2. Regional development strategies 3. Environmental issues in regional planning 4. Planning for sustainable development
Regional Planning and Development 3	17-02-2019	Tuesday	8:00 AM – 11:30 PM	1. Experience of regional planning in India 2. Five Year Plans 3. Integrated rural development programmes 4. Panchayati Raj and decentralised planning 5. Multi-level planning
Regional Planning and Development 4	18-02-2019	Wednesday	8:00 AM – 11:30 PM	1. Command area development 2. Watershed management 3. Planning for backward area, 4. Desert area development

Regional Planning and Development 5	19-02-2019	Thursday	8:00 AM – 11:30 PM	<ol style="list-style-type: none"> 1. Drought prone, hill, tribal area development 2. Regional planning and development of island territories
Political Aspects 1	20-02-2019	Friday	8:00 AM – 11:30 PM	<ol style="list-style-type: none"> 1. Heartland and Rimland theories 2. Laws of international boundaries and frontiers 3. International boundary of India and related issues 4. India's role in world affairs 5. Geopolitics of South Asia and Indian Ocean realm
Political Aspects 2	21-02-2019	Saturday	8:00 AM – 11:30 PM	<ol style="list-style-type: none"> 1. Cross border terrorism 2. Geographical basis of Indian federalism 3. State reorganisation 4. Emergence of new states 5. Regional consciousness and inter-state issues
Class Test 5	03-03-2019	Sunday	09:00AM – 12:00 PM	<ol style="list-style-type: none"> 1. Human Geography Test