



IASBABA: DETAILED SCHEDULE OF TLP GEOGRAPHY ONLINE:2018

Date	Week/Day	Syllabus from Paper I	Syllabus from Paper II
Week 1		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.	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.
7/2/18	Day 1	Areal differentiation; regional synthesis; Dichotomy and dualism; Environmentalism	Ecological issues: Environmental hazards: landslides, earthquakes, Tsunamis, floods and droughts, epidemics; Issues relating to environmental pollution
7/3/18	Day 2	Quantitative revolution and locational analysis; radical, behavioural, human and welfare approaches	Changes in patterns of land use; Principles of environmental impact assessment and environmental management
7/4/18	Day 3	Languages, religions and secularisation	Population explosion and food security; Environmental degradation; Deforestation, desertification and soil erosion
7/5/18	Day 4	Cultural regions of the world	Problems of agrarian and industrial unrest; Regional disparities in economic development; Concept of sustainable growth and development
7/6/18	Day 5	Human development index.	Environmental awareness; Linkage of rivers; Globalisation and Indian economy
Week 2		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.	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.
7/9/18	Day 6	World economic development: measurement and problems	Geographical basis of Indian federalism; State reorganisation
7/10/18	Day 7	World resources and their distribution; Energy crisis; the limits to growth	Emergence of new states; Regional consciousness and inter state issues
7/11/18	Day 8	World agriculture: typology of agricultural regions; agricultural inputs and productivity	International boundary of India and related issues
7/12/18	Day 9	Food and nutrition problems; Food security; famine: causes, effects and remedies	Cross border terrorism; India's role in world affairs
7/13/18	Day 10	World industries: locational patterns and problems; patterns of world trade	Geopolitics of South Asia and Indian Ocean realm.

Date	Week/Day	Syllabus from Paper I	Syllabus from Paper II
Week 3		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.	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.
7/16/18	Day 11	Growth and distribution of world population; demographic attributes	Types, patterns and morphology of rural settlements; Urban developments
7/17/18	Day 12	Causes and consequences of migration; concepts of over-under-and optimum population	Morphology of Indian cities; Functional classification of Indian cities
7/18/18	Day 13	Population theories, world population problems and policies, Social well-being and quality of life; Population as social capital. Types and patterns of rural settlements	Conurbations and metropolitan regions; urban sprawl; Slums and associated problems
7/19/18	Day 14	Environmental issues in rural settlements; Hierarchy of urban settlements; Urban morphology: Concepts of primate city and rank-size rule	Town planning
7/20/18	Day 15	Functional classification of towns; Sphere of urban influence; Rural - urban fringe; Satellite towns; Problems and remedies of urbanization; Sustainable development of cities.	Problems of urbanization and remedies
Week 4		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.	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 island territories.
7/23/18	Day 16	Concept of a region; Types of regions and methods of regionalisation	Experience of regional planning in India; Five Year Plans
7/24/18	Day 17	Growth centres and growth poles	Integrated rural development programmes; Panchayati Raj and decentralised planning
7/25/18	Day 18	Regional imbalances; regional development strategies	Command area development; Watershed management
7/26/18	Day 19	Environmental issues in regional planning	Planning for backward area, desert, drought prone, hill, tribal area development; multi-level planning
7/27/18	Day 20	Planning for sustainable development	Regional planning and development of island territories
Week 5		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.	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.
7/30/18	Day 21	Systems analysis in Human geography; Malthusian, Marxian and demographic transition models	Historical Perspective of Indian Society; Racial, linguistic and ethnic diversities
7/31/18	Day 22	Central Place theories of Christaller and Losch; Perroux and Boudeville	Religious minorities; major tribes, tribal areas and their problems; cultural regions

Date	Week/Day	Syllabus from Paper I	Syllabus from Paper II
8/1/18	Day 23	Von Thunen's model of agricultural location; Weber's model of industrial location	Growth, distribution and density of population; Demographic attributes: sex-ratio, age structure, literacy rate, work-force, dependency ratio, longevity
8/2/18	Day 24	Weber's model of industrial location; Rostov's model of stages of growth	Migration (inter-regional, intra- regional and international) and associated problems
8/3/18	Day 25	Heartland and Rimland theories; Laws of international boundaries and frontiers	Population problems and policies; Health indicators
Week 6		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.	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.
8/6/18	Day 26	Factors controlling landform development; endogenetic and exogenetic forces	Space relationship of India with neighboring countries; Structure and relief; Drainage system and watersheds
8/7/18	Day 27	Origin and evolution of the earth's crust; Fundamentals of geomagnetism	Physiographic regions; Mechanism of Indian monsoons and rainfall patterns
8/8/18	Day 28	Physical conditions of the earth's interior; Geosynclines; Continental drift; Isostasy	Tropical cyclones and western disturbances; Floods and droughts; Climatic regions
8/9/18	Day 29	Plate tectonics; Recent views on mountain building; Vulcanicity; Earthquakes and Tsunamis	Natural vegetation; Soil types and their distributions
8/10/18	Day 30	Concepts of geomorphic cycles and Landscape development ; Denudation chronology; Channel morphology; Erosion surfaces; Slope development ; Applied Geomorphology : Geohydrology, economic geology and environment.	
Week 7		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.	Resources: Land, surface and ground water, energy, minerals, biotic and marine resources; Forest and wild life resources and their conservation; Energy crisis.
8/13/18	Day 31	Temperature and pressure belts of the world; Heat budget of the earth; Atmospheric circulation; atmospheric stability and instability	Land, surface and ground water resources
8/14/18	Day 32	Planetary and local winds; Monsoons and jet streams; Air masses and fronto genesis, Temperate and tropical cyclones	Energy and mineral resources
8/15/18	Day 33	Types and distribution of precipitation; Weather and Climate; Koppen's, Thornthwaite's and Trewartha's classification of world climates	Biotic and marine resources
8/16/18	Day 34	Hydrological cycle; Global climatic change and role and response of man in climatic changes	Forest and wild life resources and their conservation
8/17/18	Day 35	Applied climatology and Urban climate	Energy crisis
Week 8		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.	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.

Date	Week/Day	Syllabus from Paper I	Syllabus from Paper II
8/20/18	Day 36	Bottom topography of the Atlantic, Indian and Pacific Oceans	Infrastructure: irrigation, seeds, fertilizers, power
8/21/18	Day 37	Temperature and salinity of the oceans; Heat and salt budgets, Ocean deposits	Institutional factors: land holdings, land tenure and land reforms
8/22/18	Day 38	Waves, currents and tides	Cropping pattern, agricultural productivity, agricultural intensity, crop combination, land capability
8/23/18	Day 39	Marine resources: biotic, mineral and energy resources	Agro and social-forestry; Green revolution and its socio- economic and ecological implications; Significance of dry farming
8/24/18	Day 40	Coral reefs, coral bleaching; sea-level changes; law of the sea and marine pollution	Livestock resources and white revolution; aqua - culture; sericulture, apiculture and poultry; agricultural regionalisation; agro-climatic zones; agroecological regions
Week 9		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; agroforestry; Wild life; Major gene pool centres.	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 regionali-sation; New industrial policies; Multinationals and liberalization; Special Economic Zones; Tourism including eco - tourism.
8/27/18	Day 41	Genesis of soils; Classification and distribution of soils	Evolution of industries; Locational factors of cotton, jute, textile, iron and steel, aluminium, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries
8/28/18	Day 42	Soil profile; Soil erosion, Degradation and conservation	
8/29/18	Day 43	Factors influencing world distribution of plants and animals	
8/30/18	Day 44	Problems of deforestation and conservation measures	Industrial houses and complexes including public sector undertakings; Industrial regionali-sation; New industrial policies
8/31/18	Day 45	Social forestry; agroforestry; Wild life; Major gene pool centres	Multinationals and liberalization; Special Economic Zones; Tourism including eco - tourism
Week 10		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.	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.
9/1/18	Day 46	Human ecological adaptations; Influence of man on ecology and environment	Transport, Communication and Trade: Road, railway, waterway, airway and pipeline networks and their complementary roles in regional development
9/2/18	Day 47	Global and regional ecological changes and imbalances; Ecosystem their management and conservation	
9/3/18	Day 48	Environmental degradation, management and conservation; Biodiversity and sustainable development	
9/4/18	Day 49	Environmental policy; Environmental hazards and remedial measures	Growing importance of ports on national and foreign trade; Trade balance; Trade Policy; Export processing zones
9/5/18	Day 50	Environmental education and legislation	Developments in communication and information technology and their impacts on economy and society; Indian space programme
13th September		Full Syllabus	Full Syllabus