

ALOK RANJAN'S IAS

A Unit of Digmani Educations

PLANNER-IV (GEOGRAPHY OPTIONAL) 2019-20 (Mukherjee Nagar)

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Date	Day	Units	Topics and Sub Topics
6 Sept	Fri	Introduction	
7 Sept	Sat	India (Physical) – 1 + Mapping	Geological History, Str vs. Relief. Triple tectonic. Div.
8 Sept	Sun	Test	
9 Sept	Mon	India (Physical) – 2+ Mapping	Str. And Relief of Himalayas and Indo-Gang. Plains.
10 Sept	Tue	India (Physical) – 3+ Mapping	Physiogeographic region of Extra- Peninsular India.
11 Sept	Wed	India (Physical) – 4+ Mapping	Str. And Relief of Peninsular India, Denudational Chronology of Peninsular, India, Island Region
12 Sept	Thu	India (Physical) - 5	Monsoon as a World Phenomenon, sub continental Phenomenon
13 Sept	Fri	India (Physical) - 6	Elينو, Lanino, Enso, S-O and walker cell, relation with Indian monsoon
14 Sept	Sat	India (Physical) - 7	R-F distribution, Tropical cyclone disturbance & westerlies, Climatic Region of India
15 Sept	Sun	Holiday	
16 Sept	Mon	India (Physical) - 8	Drainage pattern
17 Sept	Tue	India (Physical) - 9	Soil of India, Regional distribution, Char. And linkage with climate and vegetation
18 Sept	Wed	India (Physical) - 10	Vegetation and Forest resources of India
19 Sept	Thu	Settlement (I + II) – 1	Meaning of Rural Vs Urban Settlement Types and Pattern of Rural Settlement. Env. Issue in rural Settlement.
20 Sept	Fri	Settlement (I + II) – 2	Functional Classification of Towns: India and World, Meaning of Urban Hierarchy
		Settlement (I + II) – 3	Concept of Primate City. Rank size rule , (compare and contrast)
21 Sept	Sat	Reserve Day	
22 Sept	Sun	Population Geog.+(Model and Theory) (Day Long Class)	Population theories, Economic vs Biological Malthus, Marx, Spencer, Saddler etc, Demographic transition theory. Comparison Marx vs Malthus, Growth and Distribution of pop. World and India, Migration: causes, consequences, theories current trends: int. and national. Pop. Explosion and policies, Race, language, ethnicity, Tribes, Religion and Secularization. Concept of over, under and optimum pop. Demographic Attributes: Sex Ratio, Literacy rate, age str.... Etc.
23 Sept	Mon	Settlement (I + II) – 4	Sphere of urban influence, Satellite town.
24 Sept	Tue	Settlement (I + II) – 5	Town planning, Slum and associated problems, problems of urbanization and sustainable growth of cities
25 Sept	Wed	Settlement (I + II) – 6	Urban sprawl, Rural urban fringe, Urban
26 Sept	Thu	Settlement (I + II) – 7	eorganiza, Conurbation & Metropolitan.
27 Sept	Fri	Settlement (I + II) – 8 + Models in settlements	Central Place Theory: Losch model
28 Sept	Sat	Reserve Day	
29 Sept	Sun	Perspective in Human Geog. (Day Long Class)	Areal differentiation; regional synthesis; dichotomy and dualism; Environmentalism; Quantitative revolution and locational analysis, radical, behavioural, human and welfare approaches, System Analysis.
30 Sept	Mon	Economic Geog. – 1 (Answer Writing Skill Development Session)	World economic development; measurement and problems, the limits to growth.
01 Oct	Tue	Economic Geog. (Resource) (World) - 2	World resources and their distribution
02 Oct	Wed	Gandhi Jayanti	
03 Oct	Thu	Economic Geog. (Resource) (World)-3	Energy crisis, World agriculture: agricultural problems.
04 Oct	Fri	Economic Geog. (Resource) (India)-1	Land, surface and ground water, energy, minerals, biotic and marine resources.
05 Oct	Sat	Economic Geog. (Resource) (India)-2	Forest and wild life resource and their conservation: Energy crisis.
06 Oct	Sun	RDP + (Model and Theory) (Day Long Class)	Concept of Region and type, quantification and quantitative method of Regionalization, Rostove Model. Growth Centre and growth pole: Perroux and Boudville (Model and theory) Regional imbalances, Strategies for regional development, Planning for sustainable development. Experiences of planning and 5 yrs. Plan. Panchayati Raj. Decentralized planning, Multilevel planning. IRDP, Planning for backward Region: Desert. Hill. Tribal. CAD vs. Watershed.
07 Oct	Mon	Happy Vijaydashami	
08 Oct	Tue	Happy Vijaydashami	
09 Oct	Wed	Economic Geog. (Industry) - 1	World industries: locational pattern and problems; patterns of world trade.
10 Oct	Thu	Economic Geog. (Industry) (Model & Theory) – 2	Weber industrial location theory.
11 Oct	Fri	Economic Geog. Industry (India)-3	New Industrial policies, Multinationals and liberalization, Special Economic Zones, Tourism including eco-tourism.8
12 Oct	Sat	Reserve Day	
13 Oct	Sun	Political Geog. + (Model & Theory) (Day Long Class)	Heart Land & Rim Land Theory, Laws of Boundary & Frontiers, Geographical basis of Indian federalism; State reorganization, Emergence of new states; Regional consciousness and interstate issues. India's role in world affairs; Geopolitics of South Asia and Indian Ocean realm.
14 Oct	Mon	Economic Geog. (Industry)-5	Evolution of industries, Locational factors of cotton, jute, textile, iron, and steel, aluminum, fertilizer, paper, chemical and pharmaceutical, automobile.
15 Oct	Tue	Economic Geog. (Industry India)-6 10 Years Questions Discussion	Cottage and agro-based industries, Industrial houses and complexes including public sector undertaking, Industrial regionalization.
16 Oct	Wed	Agri. Geog. (Paper-II) - 1 (Answer Writing Skill Development Session)	Cropping pattern of India, Crop combination.
17 Oct	Thu	Agri. Geog. (Paper-II) – 2	Agricultural Productivity and Efficiency, Crop Intensity
18 Oct	Fri	Agri. Geog. (Paper-II) – 3	Dry land farming, Aqua culture and Blue revolution.
19 Oct	Sat	Agri. Geog. (Paper-II) – 4	Agro-Ecological Regions,.
20 Oct	Sun	Test	
21 Oct	Mon	Agri. Geog. (Paper-I) – 5 (Model and Theory)	Seri culture, Irrigation
22 Oct	Tue	Agri. Geog. (Paper-II) – 6	Von Thunen's model of agricultural location
23 Oct	Wed	Agri. Geog. (Paper-II) – 7	Land Capability
24 Oct	Thu	Agri. Geog. (Paper-II) – 8	Role of institutional factor in agriculture
25 Oct	Fri	Happy Diwali	
26 Oct	Sat	Happy Diwali	
27 Oct	Sun	Happy Diwali	
28 Oct	Mon	Happy Diwali	
29 Oct	Tue	Happy Diwali	
30 Oct	Wed	Happy Diwali	
31 Oct	Thu	Fundamentals of Oceanography (Answer Writing Skill Development Session)	Ocean dynamics, Ocean zoning
01 Nov	Fri	Oceanography – 1	Bottom Topography of the Atlantic, Indian and pacific Oceans.
02 Nov	Sat	Holiday	

02 Nov	Sun	Oceanography – 2	Temperature and salinity of the Oceans
04 Nov	Mon	Oceanography – 3	Heat and Salt Budgets, Ocean Currents of Atlantic Ocean
05 Nov	Tue	Oceanography – 4	Ocean Currents of Indian & Pacific Ocean
06 Nov	Wed	Oceanography – 5	Oceanic Waves and Tides
07 Nov	Thu	Oceanography – 6	Coral Reefs and coral Bleaching
08 Nov	Fri	Oceanography – 7	Ocean Deposits, Sea level change.
09 Nov	Sat	Oceanography – 8 10 Years Questions Discussion	Marine Resources; Biotic, Mineral and Energy Resources, marine pollution.
10 Nov	Sun	Holiday	
11 Nov	Mon	Geomorphology -1 (Answer Writing Skill Development Session)	Origins and Evolution of the earth's crust. Physical conditions of the Earth's interior.
12 Nov	Tue	Geomorphology -2	Earth's Magnetism Seismic waves and Earth's Interior.
13 Nov.	Wed	Geomorphology -3	Factors controlling land for development. Endogenetic and exogenetic Forces.
14 Nov.	Thu	Geomorphology -4	Continental Drift Theory
15 Nov.	Fri	Geomorphology -5	Polar Wandering, Geomagnetism, Paleo magnetism
16 Nov.	Sat	Geomorphology -6	Geo-magnetic Reversal, Sea floor spreading
17 Nov.	Sun	Mapping -1	Geological History, Str vs. Relief. Triple tectonic. Div.
18 Nov.	Mon	Mapping -2	Str. And Relief of Himalayas and Indo-Gang. Plains.
19 Nov.	Tue	Mapping-3	Physiogeographic region of Extra- Peninsular India.
20 Nov.	Wed	Mapping-4	Str. And Relief of Peninsular India, Denudational Chronology of Peninsular, India,
21 Nov.	Thu	Mapping-5	Island Region
22 Nov.	Fri	Geomorphology -7	Plate Tectonic & Mountain Building, ISO-Seismic studies
23 Nov.	Sat	Geomorphology -8	Plate Tectonics & Earthquake,
24 Nov.	Sun	Holiday	
25 Nov.	Mon	Geomorphology -9	Plate Tectonics & volcanism
26 Nov.	Tue	Geomorphology -10	Isostasy: Def, Theories, Modern views,
27 Nov.	Wed	Geomorphology -11	Geosynclines : Concept, Classification, Theories,
28 Nov.	Thu	Geomorphology -12	Landscape development: Cyclic & Cyclics views. Geomorphic cycle: Davis & Penck
29 Nov.	Fri	Geomorphology -13	Slope development (L.C. King, Strahler & J.T. Hack.)
30 Nov.	Sat	Geomorphology -14	PT & Geosynclines
1 Dec.	Sun	Geomorphology -15	PT & isostacy
2 Dec.	Mon	Geomorphology -16	Denudational Chronology: (Hutton, lyoll, J. T. Hack, Strahler),
3 Dec.	Tue	Geomorphology -17	Erosional Surface
4 Dec.	Wed	Geomorphology -18	Channel Morphology.
5 Dec.	Thu	Geomorphology -19 10 Years Questions Discussion	Applied geomorphology & Environment.
6 Dec.	Fri	Fundamentals of Climatology -1 (Answer Writing Skill Development Session)	Origin of Atmosphere, Composition of the Atmosphere
7 Dec.	Sat	Climatology – 2	Temp. belts, insolation & heat Budget, Physics & mechanism
8 Dec.	Sun	Holiday	
9 Dec.	Mon	Climatology – 3	Atmospheric pressure, Pressure belts, Planetary & Local winds, Atmospheric circulation
10 Dec.	Tue	Climatology – 4	Tricellular Meridional circulation, Jet Stream
11 Dec.	Wed	Climatology – 5	Cloud, Humidity, Precipitation: Types & Distribution, Theories
12 Dec.	Thu	Climatology – 6	Atmospheric stability & instability, Weather & climate
13 Dec.	Fri	Climatology – 7	Airmass: Classification, Origin, Character, related weather., Fronts & related Weather
14 Dec.	Sat	Climatology – 8	Cyclones: Temperate Origin, Charact, Movement & related weather
15 Dec.	Sun	Test	
16 Dec.	Mon	Climatology – 9	Cyclones: Tropical, Origin, Charact, Movement & related weather
17 Dec.	Tue	Climatology – 10	Climatic classification: Genetic vs Empirical vs Mathematical. Koppen's Classification: Critical appraisal
18 Dec.	Wed	Climatology – 11	Thornthwaite Classification
19 Dec.	Thu	Climatology - 12	Trewartha classification, critical appraisal,
20 Dec.	Fri	Climatology - 13	Comparison: Koppen & Trewartha,
21 Dec.	Sat	Climatology – 14	Urban Climate
22 Dec.	Sun		
23 Dec.	Mon	Climatology – 15	Global Climatic Change, Global Warming; its impact,
24 Dec.	Tue	Climatology – 16	Role of man in climate change Applied climat.
25 Dec.	Wed	Reserve Day	
26 Dec.	Thu	Bio-Geography – 1(Answer Writing Skill Development Session)	Soil: Def, Charact, Soil Profile
27 Dec.	Fri	Bio-Geography – 2	Soil genesis, Soil Distribution, Soil Erosion, Degradation and Conservation
28 Dec.	Sat	Bio-Geography - 3	Factor controlling the distribution of plants and animals, Problems of deforestation and conservation measures.
29 Dec.	Sun	Test	
30 Dec.	Mon	Bio-Geography – 4	Social forestry, group forestry, wild life, major gene pool centres.
31 Dec.	Tue	Happy New Year 2020	
1 Jan.	Wed	Happy New Year 2020	
2 Jan.	Thu	Env. Geog. + Contemporary Issues – 1	Principle ecology; Human ecological adaptations, Influence of man on ecology and environment
3 Jan.	Fri	Env. Geog. + Contemporary Issues – 2	Global and regional ecological changes and imbalances, Ecosystem their management and conservation
4 Jan.	Sat	Env. Geog. + Contemporary Issues – 3	Environmental degradation, management and conservation
5 Jan.	Sun	Test	
6 Jan.	Mon	Env. Geog. + Contemporary Issues – 4	Biodiversity and sustainable development, Environmental policy, Environment hazards and remedial measures; Environmental education and legislation.
7 Jan.	Tue	Contemporary Issues-P-II	Flood, Drought
8 Jan.	Wed	Contemporary Issues-P-II	Earthquake, Landslide, Avalanche
9 Jan.	Thu	Comprehensive Test	Paper-I + Paper-II

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