

## Geomorphology

Sr no	Topic name	Date
1	Origin of universe and evolution of Earth	15/1/2024
2	Interior of Earth	16/1/2024
3	Rock type and Rock cycle	17/1/2024
4	Factors effecting landform development	17/1/2024
5	Fold and Fault	18/1/2024
6	Continental Drift Theory	19/1/2024
7	Sea Floor Spread Theory	22/1/2024
8	Plate tectonic theory, Wilson cycles	23/1/2024
9	Geomagnetism	24/1/2024
10	Types of mountains and Geosyncline	25/1/2024
11	Mountain building part 1	26/1/2024
	Mountain building part 2	
	Mountain building part 3	
12	Isostatcy	29/1/2024
13	Vulcanicity Part 1	30/1/2024
	Vulcanicity Part 2	
14	Earthquake part 1	31/1/2024
	Earthquake part 2 and Tsunami	
15	Weathering process_Basic and physical weathering	1/2/2024
	Weathering process_chemical, biotic weathering and it's importance	
16	Mass movement	2/2/2024
17	Davis's cycle of Erosion	5/2/2024
	Penck's Cycle of Erosion	
	L.C King's Cycle of Erosion	
18	Fluvial Geomorphology	6/2/2024
19	Base level of Erosion, Erosional Surface and Polycyclic Relief	7/2/2024
	Erosional Surface and Channel Morphology	
20	Coastal and Arid geomorphology	8/2/2024
	Krast and Glacier Geomorphology	
	Applied Geomorphology	
21	Mock Test of Geomorphology	

## Climatology and Physical setting of India: Climate part

22	Origin and Composition of Atmosphere	12/2/2024
23	Structure of Atmosphere and Solar insolation	13/2/2024
24	Humidity_absolute, relative and specific	14/2/2024
25	Cooling of Atmosphere	15/2/2024
	condensation_concept building	
26	Adiabatic Cooling of Atmosphere	16/2/2024
27	Atmospheric stability and instability	19/2/2024
28	Weather and climate temperature belts	20/2/2024
29	Temperature Distribution of Atmosphere and Inversion	21/2/2024
30	Heat Budget and Urban Climate	22/2/2024
31	Atmospheric Pressure and Pressure Belts	23/2/2024
32	Forces of wind movement and Atmospheric circulation	26/2/2024
33	Tri-cellular meridional circulation model and Planetary Winds	27/2/2024
34	Jet streams and Western disturbances	28/2/2024
35	Indian Monsoon Part 1	29/2/2024
	Indian Monsoon Part 2 , El-Nino Southern Oscillation, Indian Ocean Dipole and Maddian Jullian Oscillation	
	Distribution of Monsoon in India	
36	Local Winds	1/3/2024
37	Air Masses	4/3/2024
38	Fronts and Temperate cyclone	5/3/2024
39	Tropical cyclone part 1	6/3/2024
	Tropical Cyclone part 2	
	Tropical cyclone Disaster Management, in Arabian see and their naming	
40	Thunderstorm and tornados	7/3/2024
41	Climatic classification_Koppen's Climatic classification	8/3/2024
	Koppen and Thornthwaite climatic classification	
	Trewartha climatic classification	
	Climate change_factors and impact	
42	Mock Test of Climatology	

## Oceanography

43	Bottom topography of Ocean	11/3/2024
	Bottom topography of Pacific, Atlantic, and Indian Ocean	
44	Temperature and Salinity of Oceans	12/3/2024
	Salinity of Oceans, Salt budget and Ocean current	
44	Ocean current and waves	13/3/2024
	salinity and ocean current	
45	tides and Marine resources	14/3/2024
	Ocean deposits and Laws of sea	
46	Coral reef, Sea level changes and marine pollution	15/3/2024
47	Mock Test for Oceanography	

## Biogeography and Environment Geography

48	Soil, Soil Profile and it's characteristics	18/3/2024
	Soil Horizon and process	
49	Soil Classification_USDA	19/3/2024
50	Soil classification_zonal, intrazonal and azonal types	20/3/2024
51	<ul style="list-style-type: none"> <li>• Natural vegetation; Soil types and their distributions. Soil erosion, (From P2 Physical setting)</li> <li>• Problems of deforestation and conservation measures;</li> </ul>	21/3/2024
52	Factors affecting distribution of plant animals	22/3/2024
53	<ul style="list-style-type: none"> <li>• Factors influencing world distribution of plants and animals;</li> <li>• Major gene pool centres and Degradation and conservation.</li> </ul>	25/3/2024
54	Problems of deforestation and conservation measures; Social forestry; Agro-forestry;	26/3/2024
55	<ul style="list-style-type: none"> <li>• Biodiversity</li> <li>• Principle of Ecology</li> <li>• Ecosystem, their conservation and management</li> <li>• Biodiversity and sustainable development;</li> <li>• Global and regional ecological changes and imbalances;</li> <li>• Human ecological adaptations;</li> <li>• Influence of man on ecology and environment</li> <li>• Deforestation and problems associated</li> <li>• Environmental policy</li> <li>• Environmental hazards and remedial measures;</li> <li>• Environmental education and legislation</li> </ul>	27/3/2024
56	Mock test for Bio and Envi Geography	

### Human Geography: Perspective of Human Geography

57	Understanding of perspective of HG	1/4/2024
58	Contribution of Greek, Roman, Arab scholars and Age of Discoveries	2/4/2024
59	Pre modern phase of HG_Ritter and Humbolt	3/4/2024
60	German, French, American, British and Russian School of Geographical thoughts	4/4/2024
	Social Darwinism, Dualism and Dichotomy, Determinism and Possibilism	
61	Areal Differentiation, Hartshorn-Schaefer debate, Exceptionalism and Regional Synthesis	5/4/2024
62	Positivism, Quantative Revolution and Locational Analysis	8/4/2024
63	Behavioural and Humanistic Geography	9/4/2024
64	Radical and Welfare Geography	10/4/2024
65	Previous Year Question of PoHG	11/4/2024
66	Mock test for PoHG	

### Population and Settlement Geography (Including Paper-2 India Population and Settlement)

67	Popluation_mathusian and Marxian theory	15/4/2024
	Demographic Transition Theory Population-resource Theory Of Ackerman	16/4/2024
	theories on population growth	17/4/2024
	Over, Under And Optimum Population Population explosion	18/4/2024
68	POPULATION GROWTH RATE OF WORLD and India	19/4/2024
69	<ul style="list-style-type: none"> <li>• Growth, Distribution and Density of World Population</li> <li>• Growth distribution and Density of India population (From P2 Cultural setting: Growth of population)</li> <li>• Density of population (From P2 Cultural setting)</li> </ul>	22/4/2024
70	Factors influencing the distribution of population	23/4/2024
71	<ul style="list-style-type: none"> <li>• Demographic attributes</li> <li>• Demographic attributes: sex-ratio, age structure, literacy rate, work-force, dependency ratio, longevity (From P2 Cultural setting)</li> </ul>	24/4/2024
72	Population problems, Social well being	25/4/2024
73	<ul style="list-style-type: none"> <li>• Migration: Causes and Consequences</li> <li>• Theories on Migration</li> <li>• Migration (inter-regional, intra- regional and international) and associated problems of Migration (From P2 Cultural Setting)</li> </ul>	26/4/2024

74	Cultural Setting_ world and India • Food and Nutrition Problems; <ul style="list-style-type: none"> <li>• Famine:</li> <li>• Causes, Effects And Remedies;</li> <li>• Food Security</li> <li>• Population explosion and Food security (From P2 Contemporary Issues)</li> <li>• World population problems</li> <li>• Population problems (From P2 Cultural setting)</li> <li>• World population policies,</li> <li>• Population policies (From P2 Cultural Setting)</li> </ul>	29/4/2024
75	<ul style="list-style-type: none"> <li>• Types and patterns of rural settlements</li> <li>• Environmental issues in rural settlements</li> </ul>	30/4/2024
76	<ul style="list-style-type: none"> <li>• Urban Morphology</li> <li>• Concepts of primate city</li> <li>• Rank-size rule</li> </ul>	1/5/2024
77	Central Place theory of Christaller and Central Place theory of Losch (From P1 Models and Theories)	2/5/2024
78	<ul style="list-style-type: none"> <li>• Functional classification of towns</li> <li>• Functional classification of Indian cities (From P2 Settlements)</li> <li>• Town planning</li> </ul>	3/5/2024
79	<ul style="list-style-type: none"> <li>• Hierarchy of urban settlements</li> <li>• Morphology of Indian cities (From P2 Settlement)</li> </ul>	4/5/2024
80	Indian Urbanization, Urban Sprawl, Rural Urban Fringe, Courbanation, Satellite Town, Slums, Sustainable Development in Cities	6/5/2024
81	Mock Test for Population and Settlement Theory	
<b>Physical Setting of India</b>		
82	Geological Time Scale	09/05/2024
83	Physical Space of India and Rock system	10/05/2024
84	Himalayas -1	13/05/2024
	Himalayas-2	
	Himalayas-3	
85	Northern plain of India	14/05/2024
86	Peninsular plateau	15/05/2024
87	Desert, Coastal and Islands	16/05/2024
	Drainage system of India	
88	Mock test on Physical Setting of India	

## Agriculture

89	Von Thunen's model of agricultural location (From P1 Models and Theories )	20/05/2024
90	Whittlecey World agriculture: typology of agricultural regions (From P1 Economic Geography) Factors for Agriculture Activities	21/05/2024
91	Green revolution Socio-economic and ecological implications of Green Revolution Significance of dry farming Livestock resources White revolution Aquaculture Sericulture Apiculture and poultry Agricultural regionalization, Agro and social-forestry	22/05/2024
92	Agricultural productivity, Agricultural intensity, Crop combination, Land capability	23/05/2024
93	Mock paper on Agriculture (Paper 1 and 2)	

## Industry (Paper 1 and 2)

94	<ul style="list-style-type: none"> <li>• World industries: locational patterns (From P1 Economic Geography)</li> <li>• Evolution of industries</li> </ul>	27/5/2024
95	• Weber's model of industrial location (From P1 Models and Theories)	28/5/2024
96	<ul style="list-style-type: none"> <li>• Locational factors of cotton, jute, textile, iron and steel, aluminium, fertilizer, paper, chemical and pharmaceutical, automobile, cottage and agro-based industries</li> <li>• Industrial houses and complexes including public sector undertakings</li> <li>• Industrial regionalization</li> <li>• New industrial policies</li> </ul>	29/5/2024
97	<ul style="list-style-type: none"> <li>• Multinationals and liberalization</li> <li>• Special Economic Zones</li> <li>• Tourism including eco-tourism</li> <li>• World industries: problems (From P1 Economic Geography)</li> <li>• Problems of industrial unrest (From P2 Contemporary Issues)</li> </ul>	30/5/2024
98	Mock paper on Industry (paper 1 and 2)	

## Regional Planning and Regional Development & Planning (paper 1 and 2)

99	Concept of a region;	3/6/2024
	Types of regions, Methods of regionalisation and Metropolitan regions	
100	Rostov's model of stages of growth, Ostov s model of stages of growth and Perroux and Boudeville	4/6/2024
101	core periphery model by friedman_Hagerstrand's Spatial Innovation Diffusion Model	5/6/2024
102	RegionaI Imbalance, Regional disparities in economic development, RegionaI Development Strategies and Planning for sustainable development, Enviromental Issues in RegionaI Planning	6/6/2024
103	Experience of regional planning in India, Five Year Plans, Integrated rural development programmes, Panchayati Raj and decentralised planning and Command area development	7/6/2024
	Watershed management, Planning for backward area, desert, drought- prone, hill, tribal area development, Multi-level planning and Regional planning and development of island territories.	

### Resources

104	Complete Resources	10/6/2024
105	Mock test for RegionaI planning and Resources	

### Trade, Transport and Communication

106	<ul style="list-style-type: none"> <li>• Road, railway, waterway, airway and pipeline networks and their complementary roles in regional development</li> <li>• Growing importance of ports on national and foreign trade</li> <li>• Trade balance</li> <li>• Trade Policy</li> <li>• Patterns of world trade (From P1 Economic Geography)</li> <li>• Globalisation and Indian economy (From P2 Contemporary Issues)</li> <li>• Export processing zones</li> <li>• Developments in communication and information technology and their impacts on economy and society</li> <li>• Indian space programme</li> </ul>	17/6/2024
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## Political Geography

107	<ul style="list-style-type: none"> <li>• Heartland and Rimland theories;</li> <li>• Laws of international boundaries and frontiers.</li> <li>• Law of the Sea (From P1 Oceanography)</li> <li>• Geographical basis of Indian federalism</li> <li>• State reorganisation</li> <li>• Emergence of new state</li> <li>• Regional consciousness and interstate issues;</li> <li>• international boundary of India and related issues</li> <li>• Cross border terrorism</li> <li>• India s role in world affairs</li> <li>• Geopolitics of South Asia and Indian Ocean realm.</li> </ul>	24/6/2024
108	<b>Full Length Test 1</b>	<b>29/6/2024</b>
109	<b>Full Length Test 2</b>	<b>30/6/2024</b>