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Under the Guidance of Ajay Kumar Singh (B.Tech. IIT Roorkee , Director & Founder : Vision IAS)

GEOGRAPHY IAS MAINS: QUESTIONS TREND ANALYSIS

PAPER-II: TOPICS (1 TO 7) 2009 - 1995

1: PHYSICAL SETTING

1.	Distinguish between the West and East coasts of India in terms of their evolution	, present
	topography and drainage pattern.	(09/60)
2.	Give reason as to why rainfall variability is a characteristic feature of India's monsoons.	(09/30)
3.	Discuss the formation and their distribution of the major soil types of India.	(09/30)
4.	Distinguish between the Himalayan and the peninsular drainage systems.	(08/60)
5.	Explain the different views put forth about the origin of Himmayas and divide Himala	ayas into
	vertical divisions.	(07/60)
6.	Give a critical account of the recent theories of origin of Indian monsoon with special r	reference
	to Jet Stream Theory.	(06/60)
7.	Discuss the role of spatial pattern of rainfall and temperature in the delimitation of	climatic
	regions of India, especially with reference to Stamp's climatic regionalization.	(04/60)
8.	Highlight the salient differences between the Himalayan and the Peninsular drainage syst	ems.
		(03/60)
9.	Explain the origin, mechanism and characteristics of Summer Monsoon in India.	(02/60)
10.	Explain the sequence of vegetation zones of the Himalayas.	(01/20)
11.	Give a brief account of the second-order regions of India's Peninsular Plateau.	(01/20)
12.	Discuss the relief features of Indian Northern Plains.	(01/60)
13.	Describe the structure and relief features of Peninsular India.	(00/60)
14.	Elucidate the mechanism of the Indian Monsoon.	(99/20)
15.	Explain the rise of the Himalayan ranges.	(99/20)
16.	Evaluate the feasibility of the proposed Ganga-Cauveri drainage link.	(98/20)

18. Draw a sketch-map in your answer book to delineate the main climatic regions of India and discuss the important climatic characteristics of each region. (96/60)**19.** Discuss the distribution and characteristics of the evergreen forest in India. (96/20)20. Examine the origin and characteristics of the antecedent drainage system of the Himalayas. (96/20)21. Draw a sketch-map in your answer book to delineate the main physiographic regions or India and provide a reasoned account of the relief and structure of the Himalayan region. (95/60)22. Examine the origin and characteristics of the soils of the North India Plain. (95/20)23. Explain the factors responsible for uneven distribution of rainfall of <u>India</u>. (95/20)2: RESOURCE Suggest appropriate energy policy for minimising energy crisis in India. 1. (08/20)Discuss the need conservation and utility of water resources in India. 2. (07/60)"Non-conventional energy is the energy of the future in India." Justify this statement. **3.** (05/60)4. Identify the important bioric-resource regions of India. Highlight, in brief the problems and remedial measures of biotic-resource conservation in India. (04/60)5. Give an account of the success and prospects of Blue Revolution with comments on its impacts on rural economy of India. (03/60)**6.** Examine the National Forest Policy of India. (00/20)7. Examine the need for conservation of biotic resources in India. (99/20)8. Examine the pattern of distribution and mode of exploitation of bauxite in India. (98/60)9. Bring out the present-day position of exploitation and processing of nuclear minerals in India. (98/20)**10.** Examine the resources of Andaman and Nicobar Islands. (98/20)11. Critically examine the metalliferous mineral resources of India with particular reference to their present and future demands. (96/60)**12.** Examine the fossil fuel resources of India with particular reference to the present and future (95/60)demands form energy.

Discuss the origin and main geomorphic features of Thar Desert of India.

17.

(97/20)

3: AGRICULTURE

1. Discuss the bases of identifying agro-climatic zones and explain the core-strategies for agricultural development. (08/60)2. "The institutional factors have grip over the crop pattern and crop productivity on Indian agriculture." Justify. (07/60)**3.** Discuss the problems and prospects of dry zone agriculture in India and highlight strategies and schemes for its development. (06/60)4. Present and account of the success and constraints of White Revolution in India. (05/60)5. Critically evaluate the dual impacts of green revolution of India. (02/60)6. Examine the geographical basis of agro-climatic planning regions of India (01/60)Critically examine the role of infrastructural and institutional ladors in the recent transformation 7. (99/60)of Indian agriculture. 8. Write an essay on the role of animal husbandly and household industries in the development of rural economy in India. (99/60)Discuss the cropping patterns in different agricultural regions of India. 9. (98/60)Discuss the role of institutional factors in the efficiency and productivity of agricultural in India. 10. (98/20)11. Divide Peninsular India into agricultural regions. Explain the basis of such a regionalisation. (97/60)**12.** Discuss the impact of green revolution on the agricultural production in India. (97/20)13. Discuss the importance of irrigation in Indian Agriculture and describe the methods of irrigation practiced in either the Ganga Valley or the Karnataka-Maharashtra region. (96/60)14. Discuss the role of infrastructural, scientific and technological developments in the recent transformation of Indian agriculture. (95/60)

4: INDUSTRY

1. Explain the factors responsible for the distribution of Sugar industry in India. (09/30)2. Examine the role of raw materials in the location of the Iron and Steel Industry in India. Illustrate (09/60)your answer with suitable examples. **3.** Explain the factors promoting the rapid growth and development of the automobile industry in India, giving suitable examples. (08/60)4. Bring out the impact of multinationals and liberalisation on the Industrial Economy/Pattern of India. (07/60)5. Trace the evolution of industries in India & evaluate the role of multinationals & liberalisation policies in this context. (06/60)**6.** Analyse the role of policy of liberalization on industrial landscape of India (02/20)7. Describe the growth, characteristics and distribution pattern of India 5 industrial regions. (01/60) 8. Discuss the growth, location and distribution of fron and Steel Industry in India. (00/60)Discuss the factors for the localisation of either the cement or the cotton textile industry in India 9. and analyse the pattern of its distribution. (99/60)**10.** Bring out the trends in the development of fertilizer industry in India. (98/60)11. Examine the importance of industrial estates in India. (98/20)**12.** Critically examine the Locational pattern and trend of production of forest based industries in India. (97/60)**13.** Analyse the Locational pattern of cement industry in India. (97/20)**14.** Examine the significance of social forestry in the rural economy of India. (97/20)**15.** Analyse the factors for the localization of either the cotton textile or the sugar industry in India and note the recent trends in the industry. (96/60)**16.** Examine critically the factors for the localization of iron and steel industry in India with special reference to the never centres of steel production. (95/60)**17.** Recent changes in India's basic industrial policy. (95/20)

5: TRANSPORT, COMMUNICATION AND TRADE

What is the role of the Triplet Transport System in the regional development of India?

1.

2.	What is the Golden Quadrilateral? Discuss the progress made in its execution and im	pacts on
	India economy.	(05/60)
3.	Give a comparative account of the development of River Water Transport in pre-colo	onial and
	post-independence periods in India. Highlight the role of River Transport in	regional
	development.	(04/60)
4.	Discuss the growing importance of ports in foreign trade of India.	(03/60)
5.	Discuss the oil and natural gas pipeline networks in India. Highlight their complementar	ry role in
	regional development.	(02/60)
6.	Analyse the recent trends in India International Trade.	(00/20)
7.	Critically examine the complementary and competitive character of the Indian rail-route	s and the
	road network.	(99/60)
8.	Role of rural market centres in fostering intra and inter-regional trade in India.	(99/20)
9.	Explain the role of railways as a unifying factor in Indian economy.	(98/20)
10.	Discuss the nature of commodity flows in India.	(97/20)
11.	Geographical impediments in the development in inland waterways in India.	(96/20)
12.	Role of rural market centres in promoting intra and inter-regional trade.	(95/20)
	6: CULTURAL SETTING	
1.	Describe & explain the spatial patterns of literacy in India.	(08/20)
2.	Explain the causes and consequence of migration.	(07/20)
3.	Present an account of tribals, tribal areas and their problems in India.	(06/60)
4.	Discuss the causes and consequences of sex-ratio variations in India.	(06/20)
5.	Identify the tribal areas of India and highlight their important problems.	(05/20)
6.	"Economic characteristics of an area exert a much more direct effect upon its population	patterns

(09/30)

7.	Evaluate the population policy of India and examine its relevance to the nation's po	pulation	
	control.	(04/20)	
8.	In what way the language, religion and tradition can form the basis of cultural regionalisation		
	India? Elaborate.	(02/60)	
9.	Account for the present distributional pattern of population density in India.	(02/20)	
10.	Elucidate the sex and age structure of the population of India.	(01/20)	
11.	Analyse the distribution of population in India in the perspective of natural resources and	identify	
	the over-populated and under-populated regions in the country.	(00/60)	
12.	Discuss the genesis of ethnic and racial diversities in India.	(99/20)	
13.	Critically examine the problems and prospects of tribal areas in India.	(98/60)	
14.	Critically examine the factors affecting the distributional pattern of population in India.	(97/60)	
15.	Examine the genesis of racial diversity in India	(97/20)	
16.	Elucidate the genesis of ethnic and cultural diversities in India	(96/20)	
17.	Elucidate the measures taken to limit the growth of population in India.	(95/20)	
18.	Discuss the problems of tribal areas in India. 7: SETTLEMENTS	(95/20)	
1.	How do the 'push' and 'pull' factors operate for the emergence of slums in the metrop	olises of	
	India?	(09/30)	
2.	"There is no sharp divide where an urban settlement stops and rural area begins." Ana	alyse the	
	statement with reference to the sprawl of Indian cities.	(09/60)	
3.	State the geographical factors which influence rural house types in India.	(09/30)	
4.	'Unplanned urban development has created numerous problems.' Comment.	(08/60)	
5.	"Slums are urban menace." Elucidate with Indian cities as examples.	(07/60)	
6.	Explain the morphology of Indian cities in the background of existing morphological models.		
		(06/60)	
7.	Discuss the elements and approaches of town planning in India.	(06/20)	

8.	Discuss briefly the principal types of rural settlements in India.	(05/20)
9.	How do slums develop? Give concrete suggestions for their improvement.	(04/20)
10.	Discuss the census definition of urban areas in India.	(03/20)
11.	Provide the geographical background and characteristics of the distribution of Hill st	ations of
	India.	(01/20)
12.	Describe the salient characteristics of the morphology of Indian cities.	(00/60)
13.	Discuss the environmental impact of the growth of slums in Indian cities.	(00/20)
14.	Explain, with suitable examples and sketch-maps, the distribution of various patterns	of rural
	settlements in India.	(99/60)
15.	Hierarchical pattern of Indian towns.	(99/20)
16.	Discuss the concept of city region and referring to Indian cities examine critically f	unctional
	indicators used for delimiting the city region.	(98/60)
17.	Discuss the geographical control of rural settlement pattern in India.	(98/20)
18.	Examine the census concept of urban areas in India.	(97/20)
19.	Name the million cities of India according to 1991 census and critically examine the fa	actors for
	unprecedented growth in their population in the last 40 years.	(96/60)
20.	Factors for the growth of slams in the metropolitan cities of India.	(96/20)
21.	Explain, with the help of suitable examples and illustrations, the distribution of various	s patterns
	of rural settlements in India.	(95/60)
22.	Write short note: Land-use characteristics of the rural-urban fringe in India.	(95/20)

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