

Goa Board of Secondary and Higher Secondary Education, Porvorim, Goa.

XII GEOGRAPHY – ARTS, SCIENCE and COMMERCE- Theory Portion.

Deletion of Portion for the academic year 2020-21.

Textbook Part I Fundamentals of Human Geography.		
Number and name of the chapter.	Deleted portions	Remark
1. Human geography – Nature and scope	1. Human Geography defined.	
	2. Information given in the boxes – Benda and Kari examples.	
	3. Information given in the boxes –welfare school of thought.	
	4. Table 1.1 Broad stages and thrust of human Geography.	
2. The world Population – distribution, density and growth.	1. Table 2.1 Region wise density of population.	
	2. Information given in the box–Some basic concepts of Population Geography.	
	3. Information given in the box–How science and technology helped population growth.	
	4. Spatial patterns of population change.	
	5. Impact of Population change.	
	6. Population control measures.	
3. Population Composition.	1. Literacy composition.	
	2. Occupational Composition.	
4. Human Development	1. Pillars of human development.	
	2. Information given in the boxes- UNDP and GNH.	

5. Primary Activities	1. Hunting and Gathering.	
	2. Pastoralism- nomadic herding.	
	3. Commercial Livestock rearing.	
	4. Cooperative Farming and collective Farming.	
6. Secondary activities	1. Characteristics of modern large scale manufacturing.	
	2. Information given in the box–Manufacturing industry.	
	3. Information given in the box–Foot loose industries.	
	4. Traditional large scale industrial regions.	
	5. The Ruhr Coal field Germany.	
	6. Iron and Steel industry.	
	7. Cotton textile industry.	
	8. Concept of High technology Industry.	
7. Tertiary and Quaternary activities	1. Information given in the boxes- More on stores and Network and Accessibility.	
	2. Factors affecting transport.	
	3. Services- Informal/Non formal sector.	
	4. Information given in the box–the quaternary sector.	
8. Transport and Communication.	1. Information given in the box–pack animals.	
	2. Information given in the box–Urban transport solutions.	
	3. The Suez and Panama shipping canals.	
	4. Communications.	
	5. Satellite communication.	
	6. Cyber Space –Internet.	

9. International Trade.	1. History of international trade.	
	2. Cases of free trade.	
	3. Dumping of Goods.	
	4. Composition of trade.	
	5. Regional trade blocks.	
10. Human Settlements	1. Classification of settlements- Rural and urban dichotomy and Rural settlements patterns.	
	2. Classification of Towns on the basis of Forms. Urban settlements and classification of urban settlements.	
	3. Functions of urban centers.	
	4. Addis Ababa Canberra.	
	5. Information given in the box–What is healthy city? And urban strategy.	
11-16. Regional Geography of Goa- People and Economy.	No Portion is deleted.	
Textbook Part II India- People and Economy.		
1. Population-Distribution,Density,Growth and Composition	1. Information given in the box-Physiological and Agriculture Density.	
	2. Regional variation in population growth.	
	3. Table 1.2 Classification of modern Indian languages.	
	4. Composition of working population.	
	5. Information given in the box-Religion and landscape.	

2. Migration Types, causes and consequences.	1. Information given in the box-Indian Diaspora.	
	2. Table 2.1 Migrants classified.	
	3. Demographic Consequences.	
	4. Social consequences.	
3. Human Development	1. Indicators of Economic attainments.	
	2. Indicators of social empowerment.	
	3. Population, Environment and Development.	
4. Human settlements	1. Evolution of towns in India-ancient ,medieval and modern towns.	
5. Land resources and agriculture	1. Land use categories.	
	2. Land use changes in India.	
	3. Common property resources.	
	4. Agriculture land use in India.	
	5. Cropping seasons in India.	
	6. Types of farming.	
	7. Agriculture development in India- Strategy of development and growth of agricultural output and technology.	
6. Water resources	1. Deterioration of water quality.	
	2. Rainwater harvesting and watershed development in Ralegan Siddhi.	
	3. Information given in the box-Watershed development.	
	4. Information given in the box- Highlights of National water policy and Jal kranti abhiyan.	

7. Mineral and energy resources.	1. Types of minerals and agencies involved in exploration of minerals.	
	2. Information given in the box-Singareni canaries.	
	3. Solar energy.	
	4. Wind energy.	
	5. Tidal and wave energy.	
	6. Geothermal energy.	
	7. Bio energy.	
8. Manufacturing industries	1. Types of industries.	
	2. Location of industries.	
	3. Sugar, Petrochemical and Knowledge based industries.	
	4. Liberalization, Privatization, globalization and industrial development in India.	
	5. Mumbai Pune industrial region.	
	6. Hugli industrial region.	
	7. Gujarat and Vishakhapatnam and Guntur industrial regions.	
	8. Gurgaon –Delhi-Meerut regions.	
	9. Kollam- Tiruvananthapuram region.	
9. Planning and sustainable development in Indian Context.	Entire chapter is deleted	

10. Transport and communication.	1. Table 10.4-National waterways of India	
	2. Inland waterways.	
	3. Information given in the box-History of Indian airlines	
11. International Trade in India.	1. Airports	
12. Geographical perspective on selected issues and Problems.	Entire chapter is deleted.	

N.B

1. The deletion of portion is done according to the chapters and the contents of new and old editions of NCERT textbooks.

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XII GEOGRAPHY – ARTS, SCIENCE and COMMERCE- Practical Portion.

Deletion of Portion for the academic year 2020-21.

Portion of Final Practical Examination	Deleted Portions
1. Data collection.	
2. Data Tabulation.	
3. Measures of Central Tendency- Arithmetic Mean- Direct and Assumed Mean Methods.	
4. Measures of Central Tendency- Median.	
5. Measures of Central Tendency- Mode (only calculation Method).	
6. Measures of Dispersion- Standard Deviation.	
7. Rank correlation- Spearman's Method.	
8. Scatter Graph.	This Practical Portion is Deleted.
9. Line Graphs- Simple, Double and Multiple Graphs.	
10. Bar Graphs- Simple, Double and Multiple Graphs.	
11. Component Bar Graph.	
12. Pie Diagram\ Pie Chart.	
13. Thematic Maps- Dot Map.	
14. Thematic Maps- Choropleth Map.	
15. Thematic Maps- Isopleth Map.	This Practical Portion is Deleted.
16. Thematic Maps- Traffic Flow Map.	This Practical Portion is Deleted.
17. Use of Computers in data Processing and Mapping.	This Practical Portion is Deleted.
18. Field Surveys.	This Practical Portion is Deleted.