

ST FRANCIS XAVIR SCHOOL

**GEOGRAPHY
CLASS X
2021-22**

Text Book - Total Geography Part 2 -Moring Star
Reference Book - Comprehensive Geography -Part 2 - Frank EMU
Toposheets & Maps Work Book

UNIT I				HALF YEARLY	
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
7	Climate of India (Reference Book as well)	Distribution of Temperature, Rainfall, Wind Factors Affecting Climate Monsoon & its Mechanism - Seasons Rainfall	10	Water Resources	Sources - Surface & Groundwater Need For Conservation & Practices (Rain Water Harvesting & its Importance) Irrigation : Importance & Methods Wells, Canals, Tanks, Drip, Sprinkler Irrigation Area, Condition, Advantage
8	Soil Resources	Alluvial, Black, Red & Laterite Distribution, Composition & Characteristics Soil Erosion- Meaning, Water & Wind as A Soil Conservation- Meaning, Terrace Farm Crop Rotation	14	Agriculture in India - I	Importance, Problems & Reforms Agricultural Seasons
9	Natural Vegetation	Planting of Shelter belts & Afforestation Importance of Forests Types - Tropical Evergreen, Tropical Deciduous, Agriculture in India III Tropical Desert, Littoral, Mountain- Distribution Correlation With Environment Forest Conservation - Afforestation, Reforestation, Social & Farm Forestry	15	Agriculture in India II	Climatic Conditions, Soil Requirements, Method of Cultivation, Processing & Distribution Rice, Wheat, Millet, Pulses Sugarcane & Oilseeds (Groundnut & Mustard) Cotton, Tea
11	Minerals Resources Reference Book	Iron Ore, Manganese, Copper Uses & Distribution	1 TO 5	Interpretation of Survey Map	45D/7 & 45D/10
12	Conventional Sources of Energy	Coal, Petroleum & Natural Gas (Distribution, Advantages & Disadvantages, Hydel Power - Bhakra Nangal, Hirakud Dam Location & States benefitted	6	Mapwork	India
13	Non Conventional Sources of Energy	Solar, Wind, , Nuclear & Biogas Location & Advantage)		Syllabus for Half Yearly Submission date : By 06.08.21	Ch 1 to 12 & Mapwork Project
	PROJECT	Waste Generation & Management OR Tourist Destinations in India OR Transport in India			
UNIT II				REHEARSAL	
Ch No.	Name of the Chapter	Topic	Ch No.	Name of the Chapter	Topic
18	Manufacturing Industries Agro Based Industries	Importance & Classification Sugar, Textile (Cotton)	20	Transport Reference Book	Importance & Modes- Roadways National, State Golden Quadrilateral, NSEW Corridor, Railways, Air Waterways- Advantage and Disadvantage
19	Mineral Based Industries Topographical Map Syllabus for Unit II Map Work - India	Iron & Steel (TISCO, Rourkela Petrochemical & Electronics 45D/7 & 45D/10 Ch 6 to 13, 18 & 19. Mountains, Peaks & Plateau - Himalayas, 1 to 5 Satpura, Aravali, Western & Eastern Ghats, Nilgiris, Mt Kanchenjunga, Deccan & Chotanagpur plateau. Plains- Gangetic, Konkan, Malabar, Coromandel Desert- Thar Pass- Karakoram Rivers- Indus, Jhelum, Sutlej, Ganga, Yamuna, Kosi, Chambal, Betwa, Brahmaputra, Narmada, Tapi, Mahanadi, Godavari, Krishna, Cauveri, Tungabhadra Waterbodies- Gulf of Kutch, Khambhat, Andaman sea, Jake Chilka.	21	Need for Management of Waste	Segregation, Dumping, Composting
			22	Need for Safe Disposal of Waste	Reducing, Reusing & Reusing Waste
				Need & Methods For Interpretation of Topographical Maps - 45D/7 & 45D/10	a. Four Figure Grid Reference Definition of Contour & Contour Interval, identification Steep & Gentle slope. Triangulation, Spot Height, Bench Mark, Contour Interval, Scale Direct Distance, Area calculation, Direction, Cardinal Points, Settlement, Occupation, Communication, Drainage Pattern, Direction of Flow, Left & Right bank, Natural & Manmade features i. Meaning of Relative Height/Depth, Broken ground. ii. Surveyed, tree, Fireline, Causeway, Aqueduct & Diggi
				Map Work Project Syllabus for Rehearsal Examination	India Entire Syllabus.