

GOVT. COLLEGE, JULANA (JIND)

Lesson Plan

Name of the Assistant Professor- **Mr. Roop Singh**

Class and Section: - **B.A.II (3rdSemester)**

Subject: -**Geography**

Week	Topics of Theory	Topics of Practical	
1	<u>Chapter-I Weather and Climate</u> Weather – Meaning and definition	Measurement of Weather Elements	
	Climate- Meaning and definition		
	Elements of Weather and Climate		
	Factors affecting Climate		
	<u>Chapter-II Composition and Structure of the Atmosphere</u> Atmosphere –Meaning and Definition		
	Sunday		
2	Composition of the Atmosphere	Presentation of Climatic Data-Bar Diagrams	
	Janmashatmi		
	Structure of the Atmosphereand Importance of the Atmosphere		
	<u>Chapter-III Insolation and Temperature</u> Solar Radiation- Meaning, Insolation		
	Heat Budget of Earth		
	Independence day		
3	Latitudinal Heat Balance	Line Graphs and Types of Line Graphs	
	Factors Affecting Insolation		
	Heating and Cooling of the Atmosphere		
	Temperature – Factors Controlling Temperature		
	Horizontal Distribution of Temperature		
	Temperature change and its derived Forms		
	Sunday		
4	Temperature Zones Or Heat Zones	Combined Line and Bar graphs	
	Inversion of Temperature		
	<u>Chapter-IV-Atmospheric Pressure and Winds</u> Introduction , Meaning of Air Pressure		
	Effect and Importance of Air Pressure		
	Horizontal Distribution of Atmospheric Pressure		
	Winds		
	Sunday		
	Shifting OF the Winds Belts		

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1	<u>Chapter-V-Atmospheric Humidity and Precipitation</u> Water Vapours – Meaning and Importance	Polygraph and Climograph	
	Evaporation		
	-Do-		
	Condensation		
	Different Forms of Condensation		
	Sunday		
2	Clouds	Hythergraph and Exercise	
	Precipitation		
	Distribution of Rainfall in the World		
	-Do-		
	Hydrological Cycle		
	<u>Chapter-VI- Airmass, Fronts & Cyclones</u> Air Mass- Meaning and Defination		
Sunday			
3	Classification of Airmass	Isopleth Method	
	Types of fronts		
	Topical TEST		
	Weather condition in a Front		
	Cyclones – Meaning and Definition		
	Temperate Cyclone		
	Sunday		
4	Tropical Cyclone	Weather Maps : Meaning , Definition and Importance	
	-DO-		
	Difference Between Temperate and Tropical Cyclones		
	<u>Chapter-VII -Climate Classification</u> Classification of Climate		
	Koeppen’s Scheme of Classification		

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	Koeppen's Scheme of Classification	Weather Maps : Meaning , Definition and Importance	
	Sunday		
5	Koeppen's Scheme of Classification	Representation of Weather Elements Or Weather Maps	
	Topical Test		
	<u>Chapter-VIII- Climatic Change & Global Warming</u>		
	Climate Change		
	Causes of Climate Change		
	Gandhi Jayanti		
	Consequences of Climate Change		
	Sunday		
1	Global Warming	Method of Interpretation of Indian Daily Weather Maps	
	Impact of Increased of Global Warming		
	<u>Chapter-IX-The Ocean Floor</u>		
	Floor of the Ocean		
	Floor of the Ocean		
	Classification of the Ocean Floor		
	Oceans- Pacific Ocean		
	Sunday and Haryana Veer Shaheedi Divas		
2	Atlantic Ocean	Weather Forecasting	
	Indian Ocean		
	<u>Chapter-X-Temp. & Salinity of Oceanic Floor</u>		
	Temperature of Oceanic Water		
	Horizontal Distribution of Temp. of Oceanic Water		
	Vertical Distribution of Temp. Of Oceanic Water		
	Salinity of Oceanic Water		
	Sunday		
3	Horizontal Distribution of Salinity	Defination and Importance of Surveying	
	-Do-		
	<u>Chapter-XI- Circulation of the Oceanic Water</u>		
	Sea Waves		

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Week	Topics of Theory	Topics of Practical	
	Types of Sea Waves		
	Durga		
	Oceanic Currents		
	Sunday		
4	Causes of the Pacific Ocean Currents	Primary Division of Surveying	
	-Do-		
	Currents of the Pacific Ocean		
	-Do-		
	Currents of the Atlantic Ocean		
	Valmiki Jayanti		
	Sunday		
1	Currents of the Atlantic Ocean		
	Currents of the Indian Ocean	Types of Survey Based on Instruments	
	-Do-		
	Effects of the Oceans Currents		
	-Do-		
	Tides		
	Sunday		
	Types of Tides		
2	-Do-	Chain and Tape Survey	
	Chapter-XII- Oceanic Resources Oceanic Resources-		
	-Do-		
	Holiday Diwali		
	Oceans Gateway to Resoures		
3	-Do-	Traverse Surveying by Chain and Tape	
	Oceans and Food		

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Week	-Do-	Topics of Practical	
	Oceans and Minerals	Traverse Surveying by Chain and Tape	
	-Do-		
	Oceans and Power Resources		
	Sunday		
4	Oceans and Power Resources		
	-Do-		
	Revision Syllabus		
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	Revision Syllabus		
	Revision Syllabus		
	Sunday		
	Revision Syllabus		

Mr. Roop Singh
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