**Lesson Plan CMG GCW Bhodia Khera, Fatehabad Name of Assistant Professor: Mahender Pal**

**Academic Session 2021-22 Class**

**B.A. 2nd (2nd Sem) Subject: Geography**

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| **Date** | **Theory (Topic) B.A 2nd Year 3rd Semester** | **Practical B.A 2nd  Year 3rd Semester** |
| **24/08/2022 to**  **31/08/2022** | **CHAPTER- 1 WEATHER AND CLIMATE:** Meaning and Definition of Climate and Weather, Difference between Weather and Climate, Elements of Weather and Climate, Factors Affecting Climate, Condensation and Scattering | Introduction: Presentation of Climatic Data |
| **01/09/2022 to**  **08/09/2022** | **CHAPTER - 2 COMPOSTION AND STRUCTURE OF THE ATMOSPHERE :** Atmosphere: Meaning and Definition, Composition of the Atmosphere , Structure of the Atmosphere, Chemical Composition of the Atmosphere | Introduction: Presentation of Climatic |
| **12/09/2022 to**  **19/09/2022** | **CHAPTER 3 - INSOLATION AND TEMPERATURE:** Solar Radiation: Meaning, Isolation, Heat Budget of the Earth, Latitudinal Heat Balance, Factors Affecting Isolation, Distribution of Isolation on the Earth Heating and Cooling of the Atmosphere, Earth Heat Zones, Inversion of Temperature | Data Bar Diagrams |
| **20/09/2022 to**  **28/09/2022** | **CHAPTER 4 - ATMOSPHERIC PRESSURE AND WINDS:** Meaning of Air Pressure, Effect and Importance of Air Pressure, Horizontal Distribution of Atmospheric Pressure, Pressure Belts, Winds, Shifting of the Winds Belts | Line Graph |
| **29/09/2022 to**  **05/10/2022** | **CHAPTER 5 - ATMOSPHERIC HUMIDITY AND PRECIPITATION:** Water Vapor: Meaning and Importance, Types of Humidity, Evaporation and Condensation, Different Forms of Condensation, Precipitation, Distribution of Rainfall in the World, Hydrological Cycle | Polygraphs |
| **06/10/2022 to**  **17/10/2022** | **CHAPTER 6 - AIRMASSES FRONTS AND CYCLONES :** Airmasses: Meaning and Definitions, Classification of Airmasses, Fronts of Airmasses, Types of Fronts, Weather Conditions in a Front, Types of Cyclones: Tropical and Temperate Cyclone | Grifith Taylor Climograph |
| **18/10/2022 to**  **27/10/2022** | **CHAPTER 7 - CLIMATE CLASSIFICATION :** Koppen’s Scheme of Classification of Climate | Grifith Taylor Hythergraph |
| **31/10/2022 to**  **07/11/2022** | **CHAPTER 8- CLIMATIC CHANGE AND GLOBAL WARMING :** Climatic Change, Causes of Climatic Change, Consequences of Climatic Change, Global Warming | Weather Maps and Their interpretation |
| **08/11/2022 to**  **14/11/2022** | **CHAPTER 9 - SURFACE CONFIGURATION OF OCEAN FLOOR:** Floor of Ocean, Classification of Ocean Floor Oceans, Pacific Ocean, Atlantic Ocean, Indian Ocean | Drawing of Isobars |
| **15/11/2022 to**  **22/11/2022** | **CHAPTER 10 - TEMPERATURE AND SALINITY OF OCEAN WATER:** Temperature of Oceanic Water, Processes of Heating and Cooling of Oceanic Water, Distribution of Temperature of Oceanic Water, Distribution of Salinity in Oceans | Isopleths Method  Interpolation of Isohyets |
| **23/11/2022 to**  **29/11/2022** | **CHAPTER 11 - CIRCULATION OF THE OCEANIC WATER:** Sea Waves, Ocean Currents, Causes of the Origin of Ocean Currents, Currents of the Pacific Ocean, Currents of the Atlantic Ocean, Currents of the Indian Ocean | Whether Symbols |
| **30/11/2022 to**  **05/12/2022** | **CHAPTER 12 - OCEANIC RESOURCES:** Oceans: Gateway of Resources, Oceans and Food, Oceans and Minerals , Oceans and Power Resources, Oceans and Drinking Water, Oceans and Drugs, Ocean Transport and Trade, Oceans and Climate | Revision |
| **06/12/2022 Onward** | Revision | Revision |