

CHAUDHARY HARDWARI LAL GOVT. COLLEGE CHHARA (JHAJJAR)

LESSON PLAN (2024-25)

SUBJECT: GEOGRAPHY

CLASS: BA 3rd SEM

Course: Physical Geography-II

Teacher: Dr. Sanjay Deswal

July 2024 (4th week):

THEORY: Weather and Climate; Origin, composition and structure of atmosphere.

PRACTICAL: Measurement of temperature, rainfall, pressure and humidity.

August 2024:

THEORY: Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature. Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams EL NINO- La Nina Phenomenon and Local winds.

PRACTICAL: Representation of temperature and rainfall. Line and Bar Graph, Distribution of temperature (Isotherms), Distribution of rainfall (Isohytes).

September 2024

THEORY: Humidity- measurement and variables, evaporation, condensation, precipitation forms and types and distribution, hydrological cycle. Air masses- concept and classification;

Fronts- type and characteristics, Weather disturbances- tropical and extra-tropical cyclones.

PRACTICAL: Hythergraph, Rainfall deviation diagram, Climograph (wet and dry places).

October 2024:

THEORY: Climate classification by Koppen; climatic change and global warming.

Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans;

PRACTICALS: Distribution of pressure (Isobars). Weather map Interpretation (January & July)

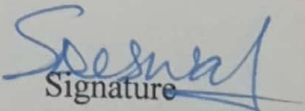
November 2024:

THEORY: Temperature and salinity of oceans; Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans;

Oceanic resources.

PRACTICALS: Chain and tape survey

Examinations: December


Signature