

GOVERNMENT COLLEGE BIROHAR (JHAJJAR)

Summary of Lesson Plans of College Faculty for Academic Session 2024-25 (Odd)

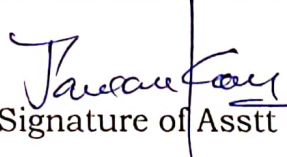
Name of Assistant Professor: Pawan Kumar

Class: B.A.

Subject: Geography

Semester: 3rd

Months	Topics/Chapters to be Covered
July 2024	1. Weather and Climate; Origin, composition and structure of atmosphere.
	2. Insolation, Global heat budget, Horizontal and vertical distribution of temperature, inversion of temperature.
	1. Measurement of temperature, rainfall, pressure and humidity. 2. Representation of temperature and rainfall. (i) Line and Bar Graph - 1 Exercise. (ii) Distribution of temperature (180 therms) - 1 Exercise. (iii) Distribution of rainfall (180 hytes) - 1 Exercise. (iv) Hythergraph - 1 Exercise. (v) Rainfall deviation diagram - 1 Exercise
August & September 2024	Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, Monsoon, Jet Streams EL NINO- La Nina Phenomenon and Local winds.
	Humidity- measurement and variables, evaporation, condensation, precipitation forms and Types and distribution, hydrological cycle.
	Climograph (wet and dry places) - 2 Exercise.
October 2024	Air masses- concept and classification; Fronts- type and characteristics, Weather disturbances- tropical and extra-tropical cyclones.
	Climate classification by Koppen; climatic change and global warming.
	Distribution of pressure (180 bars) - 2 Exercise. (January & July) - 2 Exercise. Weather map Interpretation
November 2024	Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian Oceans; ;.
	temperature and salinity of oceans.
	Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans
	Oceanic resources
	Change and tape survey - 2 Exercise.


Signature of Asstt Professor