

## LESSON PLAN- M.A- 1<sup>st</sup> SEMESTER

**Session: 2022-23**

Name of teacher- Dr. Prerna Siwach, Assistant Professor

Subject- Climatology, Paper code- 17GEO21C2

CLASS	WEEKS	SYLLABUS
M.A 1 <sup>st</sup> Semester	19-9-2022 to 24-8-2022 26-8-2022 to 1-10-2022 3-10-2022 to 8-10-2022 12-10-2022 to 15-10-2022	<b>Unit 1</b> Nature and Scope of Climatology.  Climatic Elements-Atmospheric Temperature, Pressure and Moisture. <b>Assignment 1-</b> Climatic Elements  General Atmospheric Circulations  Jet Streams and Revision

	<p>17-10-2022 to 22-10-2022</p> <p>7-11-2022 to 12-11-2022</p> <p>14-10-2022 to 19-11-2022</p> <p>21-11-2022 to 26-11-2022</p>	<p><b>Unit 2</b></p> <p><b>Test</b> unit 1, Weather System and Disturbances</p> <p>Airmasses and Frontal Classification.</p> <p>Cyclones, Tornadoes and Monsoon Winds. <b>Assignment 2 Atmospheric Circulation</b></p> <p>Atmospheric Interaction and El Nino.</p>
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	28-11-2022 to 3-12-2022	<b><i>Unit 3</i></b> Global Climate System, Approaches to Climatic Classification
	5-12-2022 to 10-12-2022	Classification of Koeppen and Thornwaite. <b>Test</b> of Unit 2.
	19-12-2022 to 124-12-2022	Major Climates of the world- Tropical and Polar.

	<p>9-1-2023 to 14-1-2023</p> <p>16-1-2023 to 21-1-2023</p> <p>23-1-2023 to 28-1-2023</p>	<p><b>Unit 4</b></p> <p>Climatic Changes- Evidence and Possible Causes Assignment 3- Frontal Classification and Cyclones</p> <p>Global Warming- Causes, Consequences and Impact.</p> <p>Acid Rain and Problems of Acid Rain. <b>Presentation</b> of Climatic Evidences and Global Warming</p>
	<p>28-1-2023 Onwards</p>	<p>Assignments, Viva, Test, Revision</p> <p>MDU examination</p>