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| **LESSON PLAN- M.A- 1st SEMESTER**  **Session: 2023-24**  Name of teacher- Dr. Prerna Siwach, Assistant Professor  Subject- Climatology, Paper code- 17GEO21C2 | | |
| CLASS | WEEKS | SYLLABUS |
| M.A 1st | 16-8-2023 to | **Unit 1** |
| Semester |  |  |
|  | 23-8-2023 | Nature and Scope of Climatology. |
|  | 25-8-2023 to | Climatic Elements-Atmospheric Temperature, |
|  |  | Pressure and Moisture. **Assignment 1**- |
|  | 31-8-2023 | Climatic Elemets |
|  | 1-9-2023 to |  |
|  |  | General Atmospheric Circulations |
|  | 8-9-2023 |  |
|  | 11-9-2023 to | Jet Streams and Revision |
|  | 18-9-2023 |  |

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|  | 20-9-2023 to  27-9-2023  28-9-2023 to  5-10-2023  6-10-2023 to  13-10-2023  16-10-2022 to  23-10-2023 | **Unit 2**  **Test** unit 1, Weather System and Disturbances  Airmasses and Frontal Classification.  Cyclones, Tornadoes and Monsoon Winds.  **Assignment 2 Atmospheric Circulation**  Atmospheric Interaction and El Nino. |

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|  |  | ***Unit 3*** |
| 25-10-2023 to | Global Climate System, Approaches to Climatic |
| 1-11-2023 | Classification |
|  | Classification of Koeppen and Thornwaite. **Test** of |
| 1-11-2023 to | Unit 2. |
| 8-11-2023 |  |
|  | Major Climates of the world- Tropical and |
|  | Polar. |
| 17-11-2023 to |  |
| 24-11-2023 |  |

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|  | 17-11-2023 to 24-11-2023  24-11-2023 to 1-12-2023 | **Unit 4**  Climatic Changes- Evidence and Possible Causes Assignment **3**- Frontal Classification and  Cyclones  Global Warming- Causes, Consequences and Impact.  Acid rain and Problems of Acid Rain.  **Presentation** of Climatic Evidences and Global Warming |
|  | 1-12-2023to 6-12-2023  7-12-2023 to 23-12-2023  24-1-2023 to 31-12-2023 | Assignments, Viva, Test, Revision  MDU examination  Winter break |