**Government College Jassia (Rohtak)**

LESSON-PLAN (Session 2021-2022) ODD SEMESTER

**Name of Professor**: Mrs. Meenu Rani

**Designation:** Assistant Professor

**Subject:** Geography

**Class:** B.A. 3rd Semester **Subject/Paper:** Physical Geography-II

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| **Sr. No.** | **Months** | **Topics to be covered** | **Remarks if any,** |
| **1** | **October** | 1. (a). Weather and Climate; Origin, composition and structure of atmosphere.   Insolation and Global heat budget |  |
| **2.** | **November** | 1. (b). Horizontal and vertical distribution of temperature, Inversion of temperature. 2. Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, 3. Monsoon, Jet Streams EL NINO- La Nina Phenomenon and Local winds. | **Assignment-I** |
| **3** | **December** | 1. Humidity- measurement and variables, evaporation, condensation, 2. Precipitation forms and types and distribution, hydrological cycle. 3. Air masses- concept and classification; Fronts- type and characteristics, 4. Weather disturbances- tropical and extra-tropical cyclones. 5. Climate classification by Koppen; climatic change and global warming. | **Assignment-II**  **Unit- Test -I** |
| **4** | **January** | 1. Configuration of oceanic floors and surface relief of Pacific, Atlantic and Indian 2. Oceans; temperature and salinity of oceans. 3. Tides, waves and oceanic currents; circulation in Pacific, Atlantic and Indian Oceans; 4. Oceanic resources. | **Unit- Test -II** |

\*Vacation as per university calendar

* 2 assignments and unit tests will be taken as per schedule.



Signature/Name of Class incharge: **Principal**