**Government College Jassia (Rohtak)**

**LESSON-PLAN (Session 2024-25) ODD SEMESTER**

**Name of Professor**: Mrs. Preeti Hooda **Class:** B.A. 5th Sem

**Designation:** Assistant Professor **Subject:** Geography

**Subject/Paper:** Economic Geography

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| **Sr. No.** | **Months** | **Topics to be covered** | **Remarks if any,** |
| **1** | **July** | 1.Nature, scope and relationship of economic geography with economics and other branches of social sciences. |  |
| **2** | **August** | 2. Classification of economic activities and their impact on environment.  3. World natural resources: Types, bases and classification.  4. Conservation and utilization of natural resources. | Assignment-I |
| **3** | **September** | 5. Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee).  6. Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas. | **Unit- Test 1** |
| **4** | **October** | 7. Distribution and production of petroleum and natural gas.  8. Classification of industries, world distribution and production of iron and steel. | Assignment-II |
| **5** | **November** | 9. Textile industry, major industrial complexes of the world.  10. Transport, communication and trade: geographical factors in their development, | **Unit- Test 2** |
| **4** | **December** | **Revision and Exam Preparation** |  |

\*Vacation as per university calendar

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

Signature/Name of Class In-charge:

**GOVT. COLLEGE JASSIA (ROHTAK)**

**Session 2024-25 (ODD SEMESTER)**

NAME OF PROFESSOR- Ms. Preeti Hooda CLASS-B.A. 1st Sem. (DSC)

DESIGNATION-ASSISTANT PROFESSOR SUBJECT/PAPER - GEOGRAPHY

**Paper - Physical Geography-I(Part A)**

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| **SR. NO.** | **MONTH** | **TOPICS TO BE COVERED** | **Classroom Activities** |
| 1. | **July** | Definition, Nature and scope of Physical Geography. | Syllabus discussion  Debate on Physical versus Human Geography |
| 2. | **August** | Interior of the earth, characteristics and classification rocks: Ignus, sedimentary and metamorphic.  Geomorphic processes (endogenic and axiogenetic forces) | Group Discussion. |
| 3. | **September** | Continental drift Theory, sea floor spreading theory; Plate tectonic theory  Classification of landforms (first, second and third order). volcanos |  |
| 4. | **October** | Earthquakes (Types measurements and distribution)  Denudational process: weathering, erosion and mass wasting | PPT Presentation  SESSIONAL EXAM. |
| 5. | **November** | The work of river and wind. Cycle of erosion (Davis). | Revision |

Signature of A/Prof.

**GOVT. COLLEGE JASSIA (ROHTAK)**

**Session 2024-25 (ODD SEMESTER)**

NAME OF PROFESSOR- Ms. Preeti Hooda CLASS-M.A.. 1st Sem.

DESIGNATION-ASSISTANT PROFESSOR PAPER - RESOURCE GEOGRAPHY

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| **SR. NO.** | **MONTH** | **TOPICS TO BE COVERED** | **Classroom Activities** |
| 1. | **August** | Nature, scope and significance of Geography of resource; Definition and concept of resources; Classification of resources | Group Discussion. |
| 2. | **September** | Models of Natural resource processes; Zimmerman’s primitive and advance models of natural resource process; Kirk’s Decision Model, Brookfield System Model |  |
| 3. | **October** | Use and misuse of resources; Soil resource; Water resource, Forest resource and Mineral resource; future prospects of natural resources. | PPT Presentation  SESSIONAL EXAM. |
| 4. | **November** | Conservation and management of natural resources, meaning and concept of conservation of natural resources, Resource conservation and management methods of natural resources- soil resources, water resource and forest resource; Problem of natural resource management in India. | Revision |
| 5. | **December** | Preparation of Exams |  |

Signature of A/Prof.

**Government College Jassia (Rohtak)**

LESSON-PLAN (Session 2024-2025) ODD SEMESTER

**Name of Professor**- Dr. 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** | **22 July- 31 July** | Weather and Climate; Origin, composition and structure of atmosphere. |  |
| **2.** | **August** | Insolation and Global heat budget  Horizontal and vertical distribution of temperature, Inversion of temperature.  Atmospheric pressure- measurement and distribution, pressure belts, planetary winds, | **Assignment-I** |
| **3** | **September** | 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. | **Assignment-II** |
| **4** | **October** | 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. | **Unit- Test -I** |
| **5** | **01-22, November2024** | 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 | **Unit- Test -II** |
| **6** | **23 Nov. 2024-20 December, 2024** | Exams |  |

Note-Vacations as per university calendar

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

Signature/Name of Class in-charge: **Principal**

**Government College Jassia (Rohtak)**

LESSON-PLAN (Session 2024-2025) ODD SEMESTER

**Name of Professor**- Dr. Meenu Rani **Designation:** Assistant Professor

**Subject:** Geography **Class:** M.A. 1st Semester

**Subject/Paper: Climatology**

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| **Sr. No.** | **Months** | **Topics to be covered** | **Remarks if any,** |
| **1.** | **August** | Nature and Scope of Climatology; Climatic elements–atmospheric temperature, pressure, moisture, general  atmospheric circulations, jet stream. |  |
| **2.** | **September** | Weather system and disturbances–air-mass, fronts, cyclones, tornados; Ocean atmospheric interaction –  Ennio, Monsoon winds |  |
| **3.** | **October** | Global climate system - Approaches to climatic classification; Classification of Koppen, and Thorn Thwaite;  Major Climates of the world-tropical and polar. |  |
| **4.** | **November** | Climatic changes - evidences, possible causes, global warming acid rain and problems of acid rain. |  |
| **5** | **02nd December, 2024 Onwards** | Exams |  |

Note-Vacations as per university calendar

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

Signature/Name of Class In-charge:

**Principal**

**Government College Jassia (Rohtak)**

LESSON-PLAN (Session 2024-2025) ODD SEMESTER

**Name of Professor**- Dr. Meenu Rani **Designation:** Assistant Professor

**Subject:** Geography **Class:** M.A. 1st Semester

**Subject/Paper: Statistical Methods in Geography**

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| **Sr. No.** | **Months** | **Topics to be covered** | **Remarks if any,** |
| **1.** | **August** | Statistics, Geography and Statistics; Significance of Statistics in geographical studies; Primary and Secondary  Data; Levels of data measurement: Nominal, Ordinal, Interval, and Ratio. |  |
| **2.** | **September** | Measures of Central Tendency: Arithmetic Mean, Median, Mode and their geographical significance;  Centrographic techniques: Mean Centre, Median Centre and Standard Distance. |  |
| **3.** | **October** | Measures of dispersion and concentration: Mean deviation, Standard Deviation; Coefficient of Variation,  Lorenz Curve and Gini’s Coefficient; Location Quotient.  Correlation and regression: Scatter diagram, |  |
| **4.** | **November** | Correlation by Spearman’s Rank Difference and Karl  Pearson’s Product Moment, Significance testing of Correlation; Regression analysis regression equations  construction of regression line, computation of residuals and mapping. |  |
| **5** | **02nd December, 2024 Onwards** | Exams |  |

Note-Vacations as per university calendar

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

Signature/Name of Class In-charge:

**Principal**

***Govt. College Jassia (Rohtak)***

***Lesson Plan for the Session 2024-2025***

**Class: B.A. 1st Semester Name of Teacher: Dr. Joginder Singh**

**Name of the Course: General Geography (MDC)**

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| **Week/Month** | **July 2024** |
| 22-27 | Geometric Elements of Aerial Photographs, stereoscopy |
| July 29- Aug. 03 | Stereoscopic vision (Pocket Stereoscope, mirror stereoscope) |
|  | **August 2024** |
| 05-10 | Making stereograms; |
| 12-17 | Fundamentals of aerial photo interpretation |
| 19-24 | Elements of air photo interpretation |
| 26-31 | Remedial and revision classes |
|  | **September 2024** |
| 02-07 | Comparison between aerial photograph and satellite image |
| 09-14 | Scale determination on vertical aerial photographs |
| 16-21 | Identification and mapping of physical and cultural features on an image |
| 23-30 | File checking and Revision |
|  | **October 2024** |
| 01-05 | Introduction to GIS- Definition and Concept; hardware and software requirements for GIS |
| 07-12 | Creating Basic Layer in GIS (Point, Line and Polygon) |
| 14-19 | Creating Basic Layer in GIS (Point, Line and Polygon) |
| 21-26 | Creating Basic Layer in GIS (Point, Line and Polygon) |
|  | October 27 to November 03: Diwali Vacations |
|  | **November 2024** |
| 04-09 | Revision and remedial Classes, File Checking |
| 11-16 | File checking |
| 18-22 | Revision and doubt classes till exam |

**H.O.D Principal**

***Govt. College Jassia (Rohtak)***

***Lesson Plan for the Session 2024-2025***

**Class: B.A. 1st Semester Name of Teacher: Dr. Joginder Singh**

**Name of the Course: Fundamentals of Geospatial Techniques (SEC)**

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| **Week/Month** | **July 2024** |
| 22-27 | Geography: Meaning, Definition, Branches |
| July 29- Aug. 03 | Branches of Geography |
|  | **August 2024** |
| 05-10 | Relationship of geography with other Discipline |
| 12-17 | Solar System |
| 19-24 | Core Geographic Concept: Origin of the Earth and its Shape |
| 26-31 | Rotation and Revolution of the Earth |
|  | **September 2024** |
| 02-07 | Formation of Days, Nights and Seasons |
| 09-14 | Latitudes and Longitudes |
| 16-21 | Earth’s Interior |
| 23-30 | Earthquake, Volcano |
|  | **October 2024** |
| 01-05 | Types of Rocks: Igneous Rocks, Sedimentary and Metamorphic Rocks |
| 07-12 | Weathering Definition and Classification |
| 14-19 | Composition of Atmosphere: Gases, Water Vapors and Dust Particles |
| 21-26 | Structure of Atmosphere |
|  | October 27 to November 03: Diwali Vacations |
|  | **November 2024** |
| 04-09 | Temperature |
| 11-16 | Precipitation its Meaning and Types |
| 18-22 | Revision and Doubt classes |

Note: 2 Assignment and Unit Tests will be taken as per schedule

**H.O.D Principal**