**Name of Assistant Professor: RITU RANI**

**Class : B.A. II (4th Semester)**

**Subject: GEOGRAPHY (Theory and Practical)**

**Lesson Plan**: 18Weeks (from January 2018 to April 2018)

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| Week 1, **January 1 to January 7**  Chapter 1: Human Geography |
| Week 1, Day 1, January 1 Meaning and Nature of Human Geography  Meaning of Map Projection(Practical) |
| Week 1, Day 2, January 2 Scope of Human Geography  Definition of Map Projection(Practical) |
| Week 1, Day 3, January 3 Development of Human Geography  Necessity of Map Projection(Practical) |
| Week 1, Day 4, January 4 Branches of Human Geography  Developable Surfaces(Practical) |
| Week 1, Day 5, January 5 **Holiday** |
| Week 1, Day 6, January 6 Approaches to Study  Non-Developable Surface(Practical) |
| Week 2, **January 8 to January14**  Chapter : Concept of Man and Environmental Relation |
| Assignments |
| Week 2, Day 1, January 8 Environmental Determinism  Classification of Map Projection(Practical) |
| Week 2, Day 2, January 9 Possibilism  Classification of Map Projection(Practical) |
| Week 2, Day 3, January 10 Neo- Determinism  Properties of Map Projection(Practical) |
| Week 2, Day 4, January 11 Historical Approach  Four Elements in the Drawing of Map Projections(Practical) |
| Week 2, Day 5, January 12  Chapter: Human Races  Evolution of Human Races  Principal of Cylindrical Projections(Practical) |
| Week 2, Day 6, January 13 Classification of Human Races  Principal of Cylindrical Projection(Practical) |
| Week 3, Day 1, January 15 Guha`s Classification  Common Properties of Cylindrical (Practical) Projection(Practical) |
| Week 3, Day 2, January 16 Guha`s Classification  Common Properties of Cylindrical Projection (Practical) |
| Week 3, Day 3, January 17  Chapter: Tribes of India  Naga  Simple Cylindrical Projection(Practical) |
| Week 3, Day 4, January 18 Santhal  Simple Cylindrical Projection (Practical) |
| Week 3, Day 5, January 19 Bhil  Cylindrical Equal Area Projection(Practical) |
| Week 3, Day 6, January 20 Tharu  Cylindrical Equal Area Projection(Practical) |
| Week 4, **January 22 to January 28**  Chapter |
| Assignments |
| Week 4, Day 1, January 22 **Holiday** |
| Week 4, Day 2, January 23 Toda and Gaddi  Mercator`s Projection(Practical) |
| Week 4, Day 3, January 24  Chapter: Human Adaptation to the Environment  Eskimo  Mercator`s Projection (Practical) |
| Week 4, Day 4, January 25 Bushman  Fundamentals of Mercator`s Projection(Practical) |
| Week 4, Day 5, January 26 **Holiday** |
| Week 4, Day 6, January 27 Bushman  Fundamentals of Mercator`s Projection (Practical) |
| Week 5, **January 29 to February4** |
| Week 5, Day 1, January 29 Gond  Characteristics of Mercator`s Projection(Practical) |
| Week 5, Day2, January 30 Gujjar  Limitations of Mercator`s Projection(Practical) |
| Week 5, Day 3, January 31 **Holiday** |
| Week 5, Day 4, February 1 Gujjar  Rumb Line on Mercator`s Projection (Practical) |
| Week 5, Day 5, February 2  Chapter: Resources and their Classification  Meaning and Nature of Resources  Great Circles on Mercator`s Projection(Practical) |
| Week 5, Day 6, February 3 Renewable and Non-Renewable Resources  Mutual Comparison of Cylindrical Projections(Practical) |
| **Week 6, February 5to February 11**  Chapter |
| Assignments |
| Week 6, Day 1, February 5 Biotic and Abiotic Resources  Revision of Viva-Voce(Practical) |
| Week 6, Day 2, February 6 Recyclable and Non- Recyclable Resources  Introduction to Conical Projection(Practical) |
| Week 6, Day 3, February 7  Chapter: Distribution, Utilization and Conservation of Biotic Resources  Vegetation Resources  Principal of Conical Projection(Practical) |
| Week 6, Day 4, February 8 Vegetation Resources  Common Properties to Conical Projection(Practical) |
| Week 6, Day 5, February 9 Animal Resources  Construction of Conical Projection(Practical) |
| Week 6, Day 6, February 10 **Holiday** |
| Week 7, **February 12 to February 18**  Chapter |
| Assignments |
| Week 7, Day 1, February 12 Animal Resources  Types of Conical Projections(Practical) |
| Week 7, Day 2, February 13 **Holiday** |
| Week 7, Day 3, February 14 Human Resources  Simple Conical Projection With One Standard Parallel(Practical) |
| Week 7, Day 4, February 15  Chapter: Distribution and Utilization of Abiotic Resources  Inland Water Resources  Simple Conical Projection With Two Standard Parallels(Practical) |
| Week 7, Day 5, February 16 Ocean Water Resources  Properties of Conical Projection(Practical) |
| Week 7, Day 6, February 17 Mineral; Iron- Ore  Bonne`s Projection(Practical) |
| Week 8 **February 19 to February25**  Chapter |
| Assignments |
| Week 8, Day 1, February 19 Manganese  Properties of Bonne`s Projection(Practical) |
| Week 8, Day 2, February 20 Copper  Limitations of Bonne`s Projection(Practical) |
| Week 8, Day 3, February 21 Bauxite  Polyconic Projection (Practical) |
| Week 8, Day 4, February 22 Energy: Coal  Properties of Polyconic Projection(Practical) |
| Week 8, Day 5, February 23 Mineral Oil  Limitations of Map Projection(Practical) |
| Week 8, Day 6, February 24 Hydroelectricity  International Map Projection(Practical) |
| Week 9, **February26 to March4**  Chapter |
| Assignments |
| Week 9, Day 1, February 26 Conservation of Biotic Resources  Scheme of Preparing Maps on International Projection(Practical) |
| Week 9, Day 2, February 27 Conservation of Abiotic Resources  Numbering of the International Maps(Practical) |
| Week 9, Day 3, February 28 **Holiday** |
| Week 9, Day 4, March 1 **Holiday** |
| Week 9, Day 5, March 2 **Holiday** |
| Week 9, Day 6, March 3 **Holiday** |
| Week 10, **March 5 to March11**  Chapter |
| Assignments |
| Week 10, Day 1, March 5 Class Test of Covered Syllabus  Zenithal Projection (practical |
| Week 10, Day 2, March 6  Chapter: Distribution and Density of Population  Factor Affecting  Introduction to Zenithal Projection(Practical) |
| Week 10, Day 3, March 7 World Distribution  Meaning and Definition (Practical) |
| Week 10, Day 4, March 8 Density of Population  Principal of Zenithal Projection (Practical) |
| Week 10, Day 5, March 9 Natural Growth  Classification of Zenithal Projection (Practical) |
| Week 10, Day 6, March 10 Actual Growth  Classification of Zenithal Projection (Practical) |
| Week 11, **March 12 to March 18**  Chapter |
| Assignments |
| Week 11, Day 1, March 12 World Population Growth  Classification of Zenithal Projection (Practical) |
| Week 11, Day 2, March 13 Stages of Population Growth  Perspective Zenithal Projection (Practical) |
| Week 11, Day 3, March 14 Pattern of Population Growth  Non- Perspective Zenithal Projection (Practical) |
| Week 11, Day 4, March 15 Growth of Population Growth  Properties Common to Polar Zenithal Projections (Practical) |
| Week 11, Day 5, March 16  Chapter: Fertility and Mortality  Measures of Fertility  Polar Gnomonic Zenithal Projection (Practical) |
| Week 11, Day 6, March 17 Determinants of Fertility |
| Week 12, **March 19 to March25**  Chapter |
| Assignments |
| Week 12, Day 1, March 19 Fertility Pattern of World  Properties of Gnomonic Zenithal Projection(practical) |
| Week 12, Day 2, March 20 Measures of Mortality  Limitations of Gnomonic Zenithal Projection (Projection) |
| Week 12, Day 3, March 21 Determinants of Mortality |
| Week 12, Day 4, March 22 Mortality Pattern in the World |
| Week 12, Day 5, March 23  Chapter: Concept of Population  Under the Over Population |
| Week 12, Day 6, March 24 Optimum Population |
| Week 13, **March26to April 1**  Chapter |
| Assignments |
| Week 13, Day 1, March 26  Chapter: Theories of Population  Malthus Theory  Polar Stereographic Zenithal Projection (Practical) |
| Week 13, Day 2, March 27 Kari Marx Theory  Properties of Polar Stereographic Zenithal Projection (Practical) |
| Week 13, Day 3, March 28 Ricardo Theory |
| Week 13, Day 4, March 29 **Holiday** |
| Week 13, Day 5, March 30  Chapter: Human Settlement  Rural Settlement  Limitations (Practical) |
| Week 13, Day 6, March 31 Factor Affecting  Revision of above topic (Practical) |
| Week 14, **April 2 to April 8**  Chapter |
| Assignments |
| Week 14, Day 1, April 2 Classification of Rural Settlement  Polar Orthographic Zenithal Projection (Practical) |
| Week 14, Day 2, April 3 Pattern of Rural Settlement  Properties (Practical) |
| Week 14, Day 3, April 4 Meaning and Criteria of Urban Settlement  Limitations (Practical) |
| Week 14, Day 4, April 5 Factors Affecting  Polar Zenithal Equidistant Projection (Practical) |
| Week 14, Day 5, April 6 Stages of Urban Growth  Properties |
| Week 14, Day 6, April 7 Classification of Urban Settlement  Limitations |
| Week 15, **April 9 to April15**  Chapter : Population Pressure and Environmental Degradation |
| Assignments |
| Week15 , Day 1, April 9 Population Pressure and Environmental Degradation  Polar Zenithal Equal Area Projection(Practical) |
| Week 15, Day 2, April 10 Resources use and Environmental Degradation  Comparison of Polar zenithal Projection(Practical) |
| Week 15, Day 3, April 11  Chapter: Sustainable Development  Meaning and Objectives |
| Week 15, Day 4, April 12 Solution of Environmental Problems  Similarities of Zenithal Projection(Practical) |
| Week 15, Day 5, April 13 Ways to Achieve Sustainable Development  Conventional Projections(Practical) |
| Week 15, Day 6, April 14 **Holiday** |
| Week 16, **April 16 to April22**  Chapter |
| Assignments |
| Week 16, Day 1, April 16  Chapter: Concept of Deforestation, Soil Erosion and Air/Water Pollution  Deforestation  Sinusoidal Projection(Projection) |
| Week 16, Day 2, April 17 Soil Erosion  Characteristics(Practical) |
| Week 16, Day 3, April 18 **Holiday** |
| Week 16, Day 4, April 19 Remedies for Soil Conservation  Mollweide`s Projection(Practical) |
| Week 16, Day 5, April 20 Air Pollution  Properties of Projection(Practical) |
| Week 16, Day 6, April 21 Effects of Air Pollution  Field Work(Practical) |
| Week17 **April 23 to April29**  Chapter |
| Assignments |
| Week17 , Day 1, April 23 Measures to Control Air Pollution  Field Work(Practical) |
| Week 17, Day 2, April 24 Water Pollution  Survey Work(Practical) |
| Week 17, Day 3, April 25 Effects of Water Pollution  Revision |
| Week 17, Day 4, April 26 Measures to Control Water Pollution  Revision |
| Week 17, Day 5, April 27 Revision of Syllabus  Revision |
| Week 17, Day 6, April 28 Revision of Syllabus  Revision |
| Week 18 **April 30 to May 6**  Chapter |
| Assignments |
| Week18 , Day 1, April 30 **Holiday** |