

Department of Geography

Ms. Santosh Bisla
Associate Professor

Class: B.A./B.Sc. III, Semester VI
Subject Lesson Plan

Introduction to Remote Sensing, GIS and Quantitative Methods (Theory)
(January 2018 to April 2018)

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| Week 1 |
| Chapter 1 - Introduction to Aerial Photographs |
| Week 1, Day 1, Date: 01.01.2018 <ul style="list-style-type: none">Aerial Photographs - Meaning and HistoryDevelopment of Aerial Photography in India |
| Week 1, Day 2, Date: 02.01.2018 <ul style="list-style-type: none">Applications of Aerial PhotosTypes of Aerial Photos |
| Week 1, Day 3, Date: 03.01.2018 <ul style="list-style-type: none">Geometry of Aerial Photos |
| Week 1, Day 4, Date: 04.01.2018 <ul style="list-style-type: none">Scale of Aerial Photos |
| Week 1, Day 5, Date: 05.01.2018 Holiday - Guru Govind Jayanti |
| Week 1, Day 6, Date: 06.01.2018 <ul style="list-style-type: none">Stereoscope |
| Sunday |
| Week 2 |
| Chapter 2 - Interpretation of Aerial Photographs |
| Week 2, Day 1, Date: 08.01.2018 <ul style="list-style-type: none">Image Interpretation - Basics |
| Week 2, Day 2, Date: 09.01.2018 <ul style="list-style-type: none">Factors Affecting the Interpretation of Aerial Photographs |
| Week 2, Day 3, Date: 10.01.2018 <ul style="list-style-type: none">Elements of Image Interpretation |
| Week 2, Day 4, Date: 11.01.2018 <ul style="list-style-type: none">Methods of Interpretation of Aerial Photographs |
| Week 2, Day 5, Date: 12.01.2018 <ul style="list-style-type: none">Methods of Interpretation of Aerial Photographs contd... |
| Week 2, Day 6, Date: 13.01.2018 <ul style="list-style-type: none">Class Test |
| Sunday |

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| Week 3 |
| Chapter 3 - Remote Sensing |
| Week 3, Day 1, Date: 15.01.2018 <ul style="list-style-type: none">• Remote Sensing - Meaning and Definition |
| Week 3, Day 2, Date: 16.01.2018 <ul style="list-style-type: none">• Stages of Remote Sensing |
| Week 3, Day 3, Date: 17.01.2018 <ul style="list-style-type: none">• Stages of Remote Sensing contd... |
| Week 3, Day 4, Date: 18.01.2018 <ul style="list-style-type: none">• Electromagnetic Spectrum |
| Week 3, Day 5, Date: 19.01.2018 <ul style="list-style-type: none">• Zones of Remote Sensing |
| Week 3, Day 6, Date: 20.01.2018 <ul style="list-style-type: none">• Types of Remote Sensing Satellites |
| Sunday |
| Week 4 |
| Chapter 3 - Remote Sensing contd... |
| Week 4, Day 1, Date: 22.01.2018 Holiday - Vasant Panchami |
| Week 4, Day 2, Date: 23.01.2018 <ul style="list-style-type: none">• Sensors or Sensing Systems |
| Week 4, Day 3, Date: 24.01.2018 Holiday - Sir Chhotu Ram Jayanti |
| Week 4, Day 4, Date: 25.01.2018 <ul style="list-style-type: none">• Types of Resolution |
| Week 4, Day 5, Date: 26.01.2018 Holiday - Republic Day |
| Week 4, Day 6, Date: 27.01.2018 <ul style="list-style-type: none">• Interpretation of Physical and Cultural Features |
| Sunday |
| Week 5 |
| Chapter 4 - Imageries and their Application |
| Week 5, Day 1, Date: 29.01.2018 <ul style="list-style-type: none">• Introduction and Definition• Types of Images |
| Week 5, Day 2, Date: 30.01.2018 <ul style="list-style-type: none">• Merits and Demerits of Images• Classification of Image |
| Week 5, Day 3, Date: 31.01.2018 Holiday - Guru Ravidas Jayanti |
| Week 5, Day 4, Date: 01.02.2018 <ul style="list-style-type: none">• Applications of Imageries |
| Week 5, Day 5, Date: 02.02.2018 |

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| <ul style="list-style-type: none">• Applications of Imageries contd... |
| Week 5, Day 6, Date: 03.02.2018 |
| <ul style="list-style-type: none">• Class Test |
| Sunday |
| Week 6 |
| Chapter 5 - Geographical Information System |
| Week 6, Day 1, Date: 05.02.2018 |
| <ul style="list-style-type: none">• GIS- Meaning and Definition |
| Week 6, Day 2, Date: 06.02.2018 |
| <ul style="list-style-type: none">• Sources of Data in GIS |
| Week 6, Day 3, Date: 07.02.2018 |
| <ul style="list-style-type: none">• Types of Data in GIS |
| Week 6, Day 4, Date: 08.02.2018 |
| <ul style="list-style-type: none">• Spatial Data Format |
| Week 6, Day 5, Date: 09.02.2018 |
| <ul style="list-style-type: none">• Spatial Data Format contd... |
| Week 6, Day 6, Date: 10.02.2018 |
| Holiday - Maharshi Dayanand Saraswati Jayanti |
| Sunday |
| Week 7 |
| Chapter 5 - Geographical Information System contd... |
| Week 7, Day 1, Date: 12.02.2018 |
| <ul style="list-style-type: none">• Sequence of Activities of GIS |
| Week 7, Day 2, Date: 13.02.2018 |
| Holiday - Maha Shivratri |
| Week 7, Day 3, Date: 14.02.2018 |
| <ul style="list-style-type: none">• Geo-Information Technique - Objectives and Planning |
| Week 7, Day 4, Date: 15.02.2018 |
| <ul style="list-style-type: none">• Elements of GIS |
| Week 7, Day 5, Date: 16.02.2018 |
| <ul style="list-style-type: none">• Advantages of GIS |
| Week 7, Day 6, Date: 17.02.2018 |
| <ul style="list-style-type: none">• Class Test |
| Sunday |
| Week 8 |
| Chapter 6 - Applications of GIS |
| Week 8, Day 1, Date: 19.02.2018 |
| <ul style="list-style-type: none">• Technological Development and GIS |
| Week 8, Day 2, Date: 20.02.2018 |
| <ul style="list-style-type: none">• Technological Development and GIS contd... |
| Week 8, Day 3, Date: 21.02.2018 |
| <ul style="list-style-type: none">• GIS and Categories of Consumers |

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| Week 8, Day 4, Date: 22.02.2018 <ul style="list-style-type: none">• GIS and Categories of Consumers contd... |
| Week 8, Day 5, Date: 23.02.2018 <ul style="list-style-type: none">• GIS and Categories of Consumers contd... |
| Week 8, Day 6, Date: 24.02.2018 <ul style="list-style-type: none">• Class Test |
| Sunday |
| Week 9 Chapter 7 – Measures of Central Tendency: Mean, Median, Mode |
| Week 9, Day 1, Date: 26.02.2018 <ul style="list-style-type: none">• Meaning and Definition of Statistics |
| Week 9, Day 2, Date: 27.02.2018 <ul style="list-style-type: none">• Classification of Statistical Data on the Basis of Collection |
| Week 9, Day 3, Date: 28.02.2018 |
| Vacation |
| Week 9, Day 4, Date: 01.03.2018 |
| Vacation |
| Week 9, Day 5, Date: 02.03.2018 |
| Vacation |
| Week 9, Day 6, Date: 03.03.2018 |
| Vacation |
| Sunday |
| Week 10 Chapter 7 – Measures of Central Tendency: Mean, Median Mode contd... |
| Week 10, Day 1, Date: 05.03.2018 <ul style="list-style-type: none">• Classification of Statistical Data on the Basis of Subject Matter |
| Week 10, Day 2, Date: 06.03.2018 <ul style="list-style-type: none">• Quantitative Classification of Data• Statistical Series |
| Week 10, Day 3, Date: 07.03.2018 <ul style="list-style-type: none">• Statistical Series contd... |
| Week 10, Day 4, Date: 08.03.2018 <ul style="list-style-type: none">• Meaning and Definition of Central Tendency |
| Week 10, Day 5, Date: 09.03.2018 <ul style="list-style-type: none">• Types of Statistical Averages• Mathematical Mean |
| Week 10, Day 6, Date: 10.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Individual Series: Direct Method |
| Sunday |
| Week 11 Chapter 7 – Measures of Central Tendency: Mean, Median Mode contd... |
| Week 11, Day 1, Date: 12.03.2018 |

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| <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Individual Series: Direct Method |
| Week 11, Day 2, Date: 13.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Individual Series: Short-cut Method |
| Week 11, Day 3, Date: 14.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Discrete Series: Direct Method |
| Week 11, Day 4, Date: 15.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Discrete Series: Short-cut Method |
| Week 11, Day 5, Date: 16.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Discrete Series: Step Deviation Method |
| Week 11, Day 6, Date: 17.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Discrete Series: Step Deviation Method |
| Sunday |
| Week 12 Chapter 7 - Measures of Central Tendency: Mean, Median Mode contd... |
| Week 12, Day 1, Date: 19.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Direct Method |
| Week 12, Day 2, Date: 20.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Direct Method |
| Week 12, Day 3, Date: 21.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Short-cut Method |
| Week 12, Day 4, Date: 22.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Short-cut Method |
| Week 12, Day 5, Date: 23.03.2018 Holiday - Haryana Heroes Day |
| Week 12, Day 6, Date: 24.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Short-cut Method |
| Sunday |
| Week 13 Chapter 7 - Measures of Central Tendency: Mean, Median Mode contd... |

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| Week 13, Day 1, Date: 26.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Step Deviation Method |
| Week 13, Day 2, Date: 27.03.2018 <ul style="list-style-type: none">• Mathematical Mean contd...<ul style="list-style-type: none">○ Exercises - Continuous Series: Step Deviation Method |
| Week 13, Day 3, Date: 28.03.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Individual Series |
| Week 13, Day 4, Date: 29.03.2018 <p style="text-align: center;">Holiday - Mahavir Jayanti</p> |
| Week 13, Day 5, Date: 30.03.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Discrete Series |
| Week 13, Day 6, Date: 31.03.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Continuous Series |
| Sunday |
| Week 14 Chapter 7 - Measures of Central Tendency: Mean, Median Mode contd... |
| Week 14, Day 1, Date: 02.04.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Ogive |
| Week 14, Day 2, Date: 03.04.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Ogive |
| Week 14, Day 3, Date: 04.04.2018 <ul style="list-style-type: none">• Median<ul style="list-style-type: none">○ Exercises - Ogive |
| Week 14, Day 4, Date: 05.04.2018 <ul style="list-style-type: none">• Mode<ul style="list-style-type: none">○ Exercises - Individual Series |
| Week 14, Day 5, Date: 06.04.2018 <ul style="list-style-type: none">• Mode<ul style="list-style-type: none">○ Exercises - Discrete Series |
| Week 14, Day 6, Date: 07.04.2018 <ul style="list-style-type: none">• Mode<ul style="list-style-type: none">○ Exercises - Continuous Series |
| Sunday |
| Week 15 Chapter 8 - Measures of Dispersion |

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| Week 15, Day 1, Date: 09.04.2018 <ul style="list-style-type: none">• Various Methods of Measuring Dispersion<ul style="list-style-type: none">○ Range |
| Week 15, Day 2, Date: 10.04.2018 <ul style="list-style-type: none">• Various Methods of Measuring Dispersion<ul style="list-style-type: none">○ Quartile Deviation |
| Week 15, Day 3, Date: 11.04.2018 <ul style="list-style-type: none">• Various Methods of Measuring Dispersion<ul style="list-style-type: none">○ Mean Deviation |
| Week 15, Day 4, Date: 12.04.2018 <ul style="list-style-type: none">• Various Methods of Measuring Dispersion<ul style="list-style-type: none">○ Standard Deviation |
| Week 15, Day 5, Date: 13.04.2018 <ul style="list-style-type: none">• Various Methods of Measuring Dispersion<ul style="list-style-type: none">○ Standard Deviation |
| Week 15, Day 6, Date: 14.04.2018 <p style="text-align: center;">Holiday - Baisakhi and Ambedkar Jayanti</p> |
| Sunday |
| Week 16 Chapter 9 - Coefficient of Variation |
| Week 16, Day 1, Date: 16.04.2018 <ul style="list-style-type: none">• Coefficient of Variation - Calculation |
| Week 16, Day 2, Date: 17.04.2018 <ul style="list-style-type: none">• Coefficient of Variation - Calculation |
| Week 16, Day 3, Date: 18.04.2018 <p style="text-align: center;">Holiday - Parshuram Jayanti</p> |
| Week 16, Day 4, Date: 19.04.2018 <ul style="list-style-type: none">• Coefficient of Variation - Calculation |
| Week 16, Day 5, Date: 20.04.2018 <ul style="list-style-type: none">• Coefficient of Variation - Calculation |
| Week 16, Day 6, Date: 21.04.2018 <ul style="list-style-type: none">• Coefficient of Variation - Calculation |
| Sunday |
| Week 17 |
| Week 17, Day 1, Date: 23.04.2018 <ul style="list-style-type: none">• Class Test |
| Week 17, Day 2, Date: 24.04.2018 <ul style="list-style-type: none">• Revision |
| Week 17, Day 3, Date: 25.04.2018 <ul style="list-style-type: none">• Revision |
| Week 17, Day 4, Date: 26.04.2018 <ul style="list-style-type: none">• Revision |

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| Week 17, Day 5, Date: 27.04.2018 • Revision |
| Week 17, Day 6, Date: 28.04.2018 • Revision |

Class: B.A./B.Sc. III, Semester VI
Introduction to Remote Sensing Field Survey Report (Practical)
(January 2018 to April 2018)

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| Week 1 | |
| Chapter 1 - Demarcation of Principle Elements on Aerial Photographs | |
| Group I | Week 1, Day 1, Date: 01.01.2018 • Fiducial Marks and Principal Point |
| | Week 1, Day 2, Date: 02.01.2018 • Fiducial Marks and Principal Point contd... |
| | Week 1, Day 3, Date: 03.01.2018 • Fiducial Marks and Principal Point contd... |
| Group II | Week 1, Day 4, Date: 04.01.2018 • Fiducial Marks and Principal Point |
| | Week 1, Day 5, Date: 05.01.2018 Holiday - Guru Govind Jayanti |
| | Week 1, Day 6, Date: 06.01.2018 • Fiducial Marks and Principal Point contd... |
| Sunday | |
| Week 2 | |
| Chapter 2 - Scale of Aerial Photographs | |
| Group I | Week 2, Day 1, Date: 08.01.2018 • Fiducial Marks and Principal Point contd... |
| | Week 2, Day 2, Date: 09.01.2018 • Fiducial Marks and Principal Point contd... |
| | Week 2, Day 3, Date: 10.01.2018 • Fiducial Marks and Principal Point contd... |
| Group II | Week 2, Day 4, Date: 11.01.2018 • Fiducial Marks and Principal Point contd... |
| | Week 2, Day 5, Date: 12.01.2018 • Fiducial Marks and Principal Point contd... |
| | Week 2, Day 6, Date: 13.01.2018 • Fiducial Marks and Principal Point contd... |
| Sunday | |
| Week 3 | |

| Chapter 2 - Scale of Aerial Photographs contd... | |
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| Group I | Week 3, Day 1, Date: 15.01.2018 • Definition and Methods of Representing Scale |
| | Week 3, Day 2, Date: 16.01.2018 • Scale of Aerial Photographs |
| | Week 3, Day 3, Date: 17.01.2018 • Scale of Aerial Photographs contd... |
| Group II | Week 3, Day 4, Date: 18.01.2018 • Definition and Methods of Representing Scale |
| | Week 3, Day 5, Date: 19.01.2018 • Scale of Aerial Photographs |
| | Week 3, Day 6, Date: 20.01.2018 • Scale of Aerial Photographs contd... |
| Sunday | |
| Week 4 | |
| Chapter 2 - Scale of Aerial Photographs contd... | |
| Group I | Week 4, Day 1, Date: 22.01.2018 Holiday - Vasant Panchami |
| | Week 4, Day 2, Date: 23.01.2018 • Scale of Aerial Photographs contd... |
| | Week 4, Day 3, Date: 24.01.2018 Holiday - Sir Chhotu Ram Jayanti |
| Group II | Week 4, Day 4, Date: 25.01.2018 • Scale of Aerial Photographs contd... |
| | Week 4, Day 5, Date: 26.01.2018 Holiday - Republic Day |
| | Week 4, Day 6, Date: 27.01.2018 • Scale of Aerial Photographs contd... |
| Sunday | |
| Week 5 | |
| Chapter 3 - Interpretation of Single Vertical Photograph | |
| Group I | Week 5, Day 1, Date: 29.01.2018 • Interpretation of Single Vertical Photograph |
| | Week 5, Day 2, Date: 30.01.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 5, Day 3, Date: 31.01.2018 Holiday - Guru Ravidas Jayanti |
| Group II | Week 5, Day 4, Date: 01.02.2018 • Interpretation of Single Vertical Photograph |
| | Week 5, Day 5, Date: 02.02.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 5, Day 6, Date: 03.02.2018 • Interpretation of Single Vertical Photograph contd... |

| Sunday | |
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| Week 6 | |
| Chapter 3 - Interpretation of Single Vertical Photograph contd... | |
| Group I | Week 6, Day 1, Date: 05.02.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 6, Day 2, Date: 06.02.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 6, Day 3, Date: 07.02.2018 • Interpretation of Single Vertical Photograph contd... |
| Group II | Week 6, Day 4, Date: 08.02.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 6, Day 5, Date: 09.02.2018 • Interpretation of Single Vertical Photograph contd... |
| | Week 6, Day 6, Date: 10.02.2018 Holiday - Maharshi Dayanand Saraswati Jayanti |
| Sunday | |
| Week 7 | |
| Chapter 4 - Use of Stereoscope in Aerial Photographs | |
| Group I | Week 7, Day 1, Date: 12.02.2018 • Stereoscopic Vision |
| | Week 7, Day 2, Date: 13.02.2018 Holiday - Maha Shivratri |
| | Week 7, Day 3, Date: 14.02.2018 • Stereoscopic Vision contd... |
| Group II | Week 7, Day 4, Date: 15.02.2018 • Stereoscopic Vision |
| | Week 7, Day 5, Date: 16.02.2018 • Stereoscopic Vision contd... |
| | Week 7, Day 6, Date: 17.02.2018 • Stereoscopic Vision contd... |
| Sunday | |
| Week 8 | |
| Chapter 4 - Use of Stereoscope in Aerial Photographs contd... | |
| Group I | Week 8, Day 1, Date: 19.02.2018 • Methods of Stereoscopy viewing |
| | Week 8, Day 2, Date: 20.02.2018 • Methods of Stereoscopy viewing |
| | Week 8, Day 3, Date: 21.02.2018 • Methods of Stereoscopy viewing contd... |
| Group II | Week 8, Day 4, Date: 22.02.2018 • Methods of Stereoscopy viewing contd... |
| | Week 8, Day 5, Date: 23.02.2018 • Methods of Stereoscopy viewing contd... |

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| | <p>Week 8, Day 6, Date: 24.02.2018</p> <ul style="list-style-type: none"> • Methods of Stereoscopy viewing contd... |
| Sunday | |
| Week 9 | |
| Chapter 4 - Use of Stereoscope in Aerial Photographs contd... | |
| Group I | <p>Week 9, Day 1, Date: 26.02.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs |
| | <p>Week 9, Day 2, Date: 27.02.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| | <p>Week 9, Day 3, Date: 28.02.2018</p> <p style="text-align: right;">Vacation</p> |
| Group II | <p>Week 9, Day 4, Date: 01.03.2018</p> <p style="text-align: right;">Vacation</p> |
| | <p>Week 9, Day 5, Date: 02.03.2018</p> <p style="text-align: right;">Vacation</p> |
| | <p>Week 9, Day 6, Date: 03.03.2018</p> <p style="text-align: right;">Vacation</p> |
| Sunday | |
| Week 10 | |
| Chapter 4 - Use of Stereoscope in Aerial Photographs contd... | |
| Group I | <p>Week 10, Day 1, Date: 05.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| | <p>Week 10, Day 2, Date: 06.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| | <p>Week 10, Day 3, Date: 07.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| Group II | <p>Week 10, Day 4, Date: 08.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs |
| | <p>Week 10, Day 5, Date: 09.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| | <p>Week 10, Day 6, Date: 10.03.2018</p> <ul style="list-style-type: none"> • Preparing Land Use Land Cover for Stereopairs contd... |
| Sunday | |
| Week 11 | |
| Chapter 5 - Identification of Features on IRD-ID Imagery | |
| Group I | <p>Week 11, Day 1, Date: 12.03.2018</p> <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery |
| | <p>Week 11, Day 2, Date: 13.03.2018</p> <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery contd... |
| | <p>Week 11, Day 3, Date: 14.03.2018</p> <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery contd... |
| Group II | <p>Week 11, Day 4, Date: 15.03.2018</p> |

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| | <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery |
| | Week 11, Day 5, Date: 16.03.2018 <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery contd... |
| | Week 11, Day 6, Date: 17.03.2018 <ul style="list-style-type: none"> • Identification of Features on IRD-ID Imagery contd... |
| Sunday | |
| Week 12 | |
| Socio-Economic Survey and Report Writing | |
| Group I | Week 12, Day 1, Date: 19.03.2018 <ul style="list-style-type: none"> • Survey |
| | Week 12, Day 2, Date: 20.03.2018 <ul style="list-style-type: none"> • Survey |
| | Week 12, Day 3, Date: 21.03.2018 <ul style="list-style-type: none"> • Survey |
| Group II | Week 12, Day 4, Date: 22.03.2018 <ul style="list-style-type: none"> • Survey |
| | Week 12, Day 5, Date: 23.03.2018 Holiday - Haryana Heroes Day |
| | Week 12, Day 6, Date: 24.03.2018 <ul style="list-style-type: none"> • Survey |
| Sunday | |
| Week 13 | |
| Socio-Economic Survey and Report Writing contd... | |
| Group I | Week 13, Day 1, Date: 26.03.2018 <ul style="list-style-type: none"> ○ Report Writing |
| | Week 13, Day 2, Date: 27.03.2018 <ul style="list-style-type: none"> ○ Report Writing |
| | Week 13, Day 3, Date: 28.03.2018 <ul style="list-style-type: none"> • Report Writing |
| Group II | Week 13, Day 4, Date: 29.03.2018 Holiday - Mahavir Jayanti |
| | Week 13, Day 5, Date: 30.03.2018 <ul style="list-style-type: none"> • Report Writing |
| | Week 13, Day 6, Date: 31.03.2018 <ul style="list-style-type: none"> • Report Writing |
| Sunday | |
| Week 14 | |
| Socio-Economic Survey and Report Writing contd... | |
| Group I | Week 14, Day 1, Date: 02.04.2018 <ul style="list-style-type: none"> • Report Writing |
| | Week 14, Day 2, Date: 03.04.2018 |

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| | <ul style="list-style-type: none"> Report Writing |
| | Week 14, Day 3, Date: 04.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| Group II | Week 14, Day 4, Date: 05.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 14, Day 5, Date: 06.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 14, Day 6, Date: 07.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| Sunday | |
| Week 15 | |
| Socio-Economic Survey and Report Writing contd... | |
| Group I | Week 15, Day 1, Date: 09.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 15, Day 2, Date: 10.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 15, Day 3, Date: 11.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| Group II | Week 15, Day 4, Date: 12.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 15, Day 5, Date: 13.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 15, Day 6, Date: 14.04.2018 |
| Holiday - Baisakhi and Ambedkar Jayanti | |
| Sunday | |
| Week 16 | |
| Socio-Economic Survey and Report Writing contd... | |
| Group I | Week 16, Day 1, Date: 16.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 16, Day 2, Date: 17.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 16, Day 3, Date: 18.04.2018 |
| Holiday - Parshuram Jayanti | |
| Group II | Week 16, Day 4, Date: 19.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 16, Day 5, Date: 20.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| | Week 16, Day 6, Date: 21.04.2018 |
| | <ul style="list-style-type: none"> Report Writing |
| Sunday | |
| Week 17 | |
| Group I | Week 17, Day 1, Date: 23.04.2018 |

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| | <ul style="list-style-type: none">• Revision |
| | Week 17, Day 2, Date: 21.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 3, Date: 25.04.2018 <ul style="list-style-type: none">• Revision |
| Group II | Week 17, Day 4, Date: 26.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 5, Date: 27.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 6, Date: 28.04.2018 <ul style="list-style-type: none">• Revision |

Department of Geography**Kanwaljeet Viridi****Assistant Professor****Class: B.A./B.Sc. II, Semester IV****Subject Lesson Plan****Human Geography (Theory)****(January 2018 to April 2018)**

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| Week 1 |
| Chapter 1 - Nature and Scope of Human Geography |
| Week 1, Day 1, Date: 01.01.2018 <ul style="list-style-type: none"> • Introduction • Nature of Human Geography |
| Week 1, Day 2, Date: 02.01.2018 <ul style="list-style-type: none"> • Scope of Human Geography • Subject Matter and Interrelation of Human Geography with other Social Sciences |
| Week 1, Day 3, Date: 03.01.2018 <ul style="list-style-type: none"> • Subject Matter contd... • Approaches/Methods of Human Geography |
| Week 1, Day 4, Date: 04.01.2018 <ul style="list-style-type: none"> • Approaches/Methods of Human Geography contd... • Branches of Human Geography |
| Week 1, Day 5, Date: 05.01.2018 Holiday - Guru Govind Jayanti |
| Week 1, Day 6, Date: 06.01.2018 <ul style="list-style-type: none"> • Branches of Human Geography contd... |
| Sunday |
| Week 2 |
| Chapter 2 - Human Races and Tribes of India |
| Week 2, Day 1, Date: 08.01.2018 <ul style="list-style-type: none"> • Meaning and Definition of Race • Evolution and Development of Human Races |
| Week 2, Day 2, Date: 09.01.2018 <ul style="list-style-type: none"> • Criteria of Racial Classification • Settling and Mixing of Races in India |
| Week 2, Day 3, Date: 10.01.2018 <ul style="list-style-type: none"> • Settling and Mixing of Races in India contd... • Classification and Distribution of Human Races in India <ul style="list-style-type: none"> ○ Classification of Sir Herbert Risley |

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| <p>Week 2, Day 4, Date: 11.01.2018</p> <ul style="list-style-type: none"> • Classification and Distribution of Human Races in India <ul style="list-style-type: none"> ○ Classification of J.H. Hutton ○ Classification by A.C. Haddon |
| <p>Week 2, Day 5, Date: 12.01.2018</p> <ul style="list-style-type: none"> • Classification and Distribution of Human Races in India <ul style="list-style-type: none"> ○ Classification of Dr. B.S. Guha |
| <p>Week 2, Day 6, Date: 13.01.2018</p> <ul style="list-style-type: none"> • Tribal Population • Spatial Distribution of Tribal Population |
| Sunday |
| <p>Week 3 Chapter 2 - Human Races and Tribes of India contd...</p> |
| <p>Week 3, Day 1, Date: 15.01.2018</p> <ul style="list-style-type: none"> • Geographical Distribution of Tribes in India • Main Tribes of India <ul style="list-style-type: none"> ○ Santhals |
| <p>Week 3, Day 2, Date: 16.01.2018</p> <ul style="list-style-type: none"> • Main Tribes of India <ul style="list-style-type: none"> ○ Gonds and Bhils |
| <p>Week 3, Day 3, Date: 17.01.2018</p> <ul style="list-style-type: none"> • Main Tribes of India <ul style="list-style-type: none"> ○ Mundas and Todas |
| <p>Week 3, Day 4, Date: 18.01.2018</p> <ul style="list-style-type: none"> • Main Tribes of India <ul style="list-style-type: none"> ○ Nagas, Gaddis and Tharus |
| <p>Week 3, Day 5, Date: 19.01.2018</p> <ul style="list-style-type: none"> • Main Tribes of India <ul style="list-style-type: none"> ○ Khasis and Kharias |
| <p>Week 3, Day 6, Date: 20.01.2018</p> <ul style="list-style-type: none"> • Main Tribes of India <ul style="list-style-type: none"> ○ Laddakhis and Bhotias |
| Sunday |
| <p>Week 4 Chapter 3 - The Concept of Man-Environment Relations</p> |
| <p>Week 4, Day 1, Date: 22.01.2018</p> <p style="text-align: center;">Holiday - Vasant Panchami</p> |
| <p>Week 4, Day 2, Date: 23.01.2018</p> <ul style="list-style-type: none"> • Meaning and Definition • Environmental Determinism |
| <p>Week 4, Day 3, Date: 24.01.2018</p> <p style="text-align: center;">Holiday - Sir Chhotu Ram Jayanti</p> |

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| <p>Week 4, Day 4, Date: 25.01.2018</p> <ul style="list-style-type: none"> • Possibilism • Criticism of Possibilism |
| <p>Week 4, Day 5, Date: 26.01.2018</p> <p style="text-align: center;">Holiday - Republic Day</p> |
| <p>Week 4, Day 6, Date: 27.01.2018</p> <ul style="list-style-type: none"> • Neo-Determinism |
| Sunday |
| <p>Week 5</p> <p>Chapter 4 - Human Adaptation to the Environment</p> |
| <p>Week 5, Day 1, Date: 29.01.2018</p> <ul style="list-style-type: none"> • Introduction • Man-Environment Relationship <ul style="list-style-type: none"> ○ Eskimos |
| <p>Week 5, Day 2, Date: 30.01.2018</p> <ul style="list-style-type: none"> • Man-Environment Relationship <ul style="list-style-type: none"> ○ Eskimos contd... |
| <p>Week 5, Day 3, Date: 31.01.2018</p> <p style="text-align: center;">Holiday - Guru Ravidas Jayanti</p> |
| <p>Week 5, Day 4, Date: 01.02.2018</p> <ul style="list-style-type: none"> • Man-Environment Relationship <ul style="list-style-type: none"> ○ Bushman |
| <p>Week 5, Day 5, Date: 02.02.2018</p> <ul style="list-style-type: none"> • Man-Environment Relationship <ul style="list-style-type: none"> ○ Gujjars |
| <p>Week 5, Day 6, Date: 03.02.2018</p> <ul style="list-style-type: none"> • Man-Environment Relationship <ul style="list-style-type: none"> ○ Gujjars contd... |
| Sunday |
| <p>Week 6</p> <p>Chapter 5 - Resources: Meaning, Nature and Components</p> |
| <p>Week 6, Day 1, Date: 05.02.2018</p> <ul style="list-style-type: none"> • Meaning and Definition of Resources |
| <p>Week 6, Day 2, Date: 06.02.2018</p> <ul style="list-style-type: none"> • Meaning and Definition of Resources contd... |
| <p>Week 6</p> <p>Chapter 6 - Classification of Resources</p> |
| <p>Week 6, Day 3, Date: 07.02.2018</p> <ul style="list-style-type: none"> • Classification of Resources |
| <p>Week 6, Day 4, Date: 08.02.2018</p> <ul style="list-style-type: none"> • Classification of Resources contd... |
| <p>Week 6, Day 5, Date: 09.02.2018</p> |

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| <ul style="list-style-type: none"> • Class Test |
| Week 6, Day 6, Date: 10.02.2018 |
| Holiday - Maharshi Dayanand Saraswati Jayanti |
| Sunday |
| Week 7 |
| Chapter 7 - Distribution and Utilization of Biotic Resources |
| Week 7, Day 1, Date: 12.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Biotic Resources <ul style="list-style-type: none"> ○ Vegetation Resources <ul style="list-style-type: none"> ▪ Forest Resources |
| Week 7, Day 2, Date: 13.02.2018 |
| Holiday - Maha Shivratri |
| Week 7, Day 3, Date: 14.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Biotic Resources <ul style="list-style-type: none"> ○ Vegetation Resources <ul style="list-style-type: none"> ▪ Forest Resources contd... |
| Week 7, Day 4, Date: 15.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Biotic Resources <ul style="list-style-type: none"> ○ Vegetation Resources <ul style="list-style-type: none"> ▪ Grasslands and Agricultural Resources |
| Week 7, Day 5, Date: 16.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Biotic Resources <ul style="list-style-type: none"> ○ Animal Resources |
| Week 7, Day 6, Date: 17.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Biotic Resources <ul style="list-style-type: none"> ○ Animal Resources contd... |
| Sunday |
| Week 8 |
| Chapter 8 - Distribution and Utilization of Abiotic Resources |
| Week 8, Day 1, Date: 19.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Water Resources |
| Week 8, Day 2, Date: 20.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Water Resources contd... |
| Week 8, Day 3, Date: 21.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Mineral Resources - Iron Ore |
| Week 8, Day 4, Date: 22.02.2018 |
| <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Mineral Resources <ul style="list-style-type: none"> ▪ Manganese and Copper |
| Week 8, Day 5, Date: 23.02.2018 |

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| <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Mineral Resources <ul style="list-style-type: none"> ▪ Bauxite ▪ Gold |
| <p>Week 8, Day 6, Date: 24.02.2018</p> <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Energy Resources <ul style="list-style-type: none"> ▪ Coal ▪ Petroleum |
| Sunday |
| <p>Week 9 Chapter 8 - Distribution and Utilization of Abiotic Resources contd...</p> |
| <p>Week 9, Day 1, Date: 26.02.2018</p> <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Energy Resources <ul style="list-style-type: none"> ▪ Water Power |
| <p>Week 9, Day 2, Date: 27.02.2018</p> <ul style="list-style-type: none"> • Distribution and Utilization of Abiotic Resources <ul style="list-style-type: none"> ○ Energy Resources <ul style="list-style-type: none"> ▪ Water Power contd... ▪ Atomic Power |
| <p>Week 9, Day 3, Date: 28.02.2018</p> <p style="text-align: center;">Vacation</p> |
| <p>Week 9, Day 4, Date: 01.03.2018</p> <p style="text-align: center;">Vacation</p> |
| <p>Week 9, Day 5, Date: 02.03.2018</p> <p style="text-align: center;">Vacation</p> |
| <p>Week 9, Day 6, Date: 03.03.2018</p> <p style="text-align: center;">Vacation</p> |
| Sunday |
| <p>Week 10 Chapter 9 - Conservation of Natural Resources</p> |
| <p>Week 10, Day 1, Date: 05.03.2018</p> <ul style="list-style-type: none"> • Class Test |
| <p>Week 10, Day 2, Date: 06.03.2018</p> <ul style="list-style-type: none"> • Meaning of Resource Conservation • Need for Conservation • Conservation of Soil and Water Resources |
| <p>Week 10, Day 3, Date: 07.03.2018</p> <ul style="list-style-type: none"> • Conservation of Air and Forest Resources • Conservation of Fisheries and Mineral Resources |

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| Week 10 Chapter 10 – Population of the World |
| Week 10, Day 4, Date: 08.03.2018 <ul style="list-style-type: none"> • Distribution of Population • Factors affecting Population Distribution |
| Week 10, Day 5, Date: 09.03.2018 <ul style="list-style-type: none"> • Patterns of World Population Distribution • Density of Population |
| Week 10, Day 6, Date: 10.03.2018 <ul style="list-style-type: none"> • World Distribution of Population • Population Growth/Population Change |
| Sunday |
| Week 11 Chapter 10 – Population of the World contd... |
| Week 11, Day 1, Date: 12.03.2018 <ul style="list-style-type: none"> • Determinants of Population Change <ul style="list-style-type: none"> ○ Fertility |
| Week 11, Day 2, Date: 13.03.2018 <ul style="list-style-type: none"> • Determinants of Population Change <ul style="list-style-type: none"> ○ Determinants of Fertility ○ Spatial Pattern of Fertility in the World |
| Week 11, Day 3, Date: 14.03.2018 <ul style="list-style-type: none"> • Determinants of Population Change <ul style="list-style-type: none"> ○ Mortality ○ Determinants of Mortality |
| Week 11, Day 4, Date: 15.03.2018 <ul style="list-style-type: none"> • Determinants of Population Change <ul style="list-style-type: none"> ○ Spatial Pattern of Mortality in the World ○ Migration |
| Week 11, Day 5, Date: 16.03.2018 <ul style="list-style-type: none"> • Determinants of Population Change <ul style="list-style-type: none"> ○ Factors Determining Migration • Size of Population and Growth Trends |
| Week 11, Day 6, Date: 17.03.2018 <ul style="list-style-type: none"> • Spatial Pattern of Population Change • Population Change and Economic Development |
| Sunday |
| Week 12 Chapter 10 – Population of the World contd... |
| Week 12, Day 1, Date: 19.03.2018 |

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| <ul style="list-style-type: none"> • Demographic Transition Theory |
| <p>Week 12, Day 2, Date: 20.03.2018</p> <ul style="list-style-type: none"> • Demographic Transition Theory contd... |
| <p>Week 12 Chapter 11 - Concepts of Optimum Population, Overpopulation and Under population</p> |
| <p>Week 12, Day 3, Date: 21.03.2018</p> <ul style="list-style-type: none"> • Optimum Population • Overpopulation • Under population |
| <p>Week 12 Chapter 12 - Theories of Population</p> |
| <p>Week 12, Day 4, Date: 22.03.2018</p> <ul style="list-style-type: none"> • Malthusian Theory of Population |
| <p>Week 12, Day 5, Date: 23.03.2018</p> <p style="text-align: center;">Holiday - Haryana Heroes Day</p> |
| <p>Week 12, Day 6, Date: 24.03.2018</p> <ul style="list-style-type: none"> • Ricardo's Theory of Population • Marx's Theory of Population |
| <p>Sunday</p> |
| <p>Week 13 Chapter 12 - Theories of Population contd...</p> |
| <p>Week 13, Day 1, Date: 26.03.2018</p> <ul style="list-style-type: none"> • Marx's Theory of Population |
| <p>Week 13 Chapter 13 - Rural Settlements</p> |
| <p>Week 13, Day 2, Date: 27.03.2018</p> <ul style="list-style-type: none"> • Meaning and Definition of Rural Settlements • Types of Rural Settlements |
| <p>Week 13, Day 3, Date: 28.03.2018</p> <ul style="list-style-type: none"> • Factors affecting location of Rural Settlements |
| <p>Week 13, Day 4, Date: 29.03.2018</p> <p>Holiday - Mahavir Jayanti</p> |
| <p>Week 13, Day 5, Date: 30.03.2018</p> <ul style="list-style-type: none"> • Patterns of Rural Settlements |
| <p>Week 13, Day 6, Date: 31.03.2018</p> <ul style="list-style-type: none"> • Patterns of Rural Settlements |
| <p>Sunday</p> |
| <p>Week 14 Chapter 14 - Origin and Growth of Towns</p> |
| <p>Week 14, Day 1, Date: 02.04.2018</p> <ul style="list-style-type: none"> • Pre-historic Towns |

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| <p>Week 14, Day 2, Date: 03.04.2018</p> <ul style="list-style-type: none"> • Medieval Towns • Modern Towns |
| <p>Week 14 Chapter 15 - Classification and Functions of Towns</p> |
| <p>Week 14, Day 3, Date: 04.04.2018</p> <ul style="list-style-type: none"> • Methods of Classification |
| <p>Week 14, Day 4, Date: 05.04.2018</p> <ul style="list-style-type: none"> • Methods of Classification contd... |
| <p>Week 14, Day 5, Date: 06.04.2018</p> <ul style="list-style-type: none"> • General Pattern of Functional Classification of Towns |
| <p>Week 14, Day 6, Date: 07.04.2018</p> <ul style="list-style-type: none"> • General Pattern of Functional Classification of Towns |
| <p>Sunday</p> |
| <p>Week 15 Chapter 16 - Population Pressure, Resource Use and Environmental Degradation</p> |
| <p>Week 15, Day 1, Date: 09.04.2018</p> <ul style="list-style-type: none"> • Meaning of Population Pressure • Environmental Degradation |
| <p>Week 15, Day 2, Date: 10.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment <ul style="list-style-type: none"> ○ Soil Erosion ○ Landslide |
| <p>Week 15, Day 3, Date: 11.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment <ul style="list-style-type: none"> ○ Volcanoes and Earthquakes ○ Flood ○ Drought |
| <p>Week 15, Day 4, Date: 12.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment <ul style="list-style-type: none"> ○ Desertification ○ Environmental Hazards |
| <p>Week 15, Day 5, Date: 13.04.2018</p> <ul style="list-style-type: none"> • Degradation of Environment by Man <ul style="list-style-type: none"> ○ Deforestation, Agricultural Growth and Environmental Degradation |
| <p>Week 15, Day 6, Date: 14.04.2018</p> <p style="text-align: center;">Holiday - Baisakhi and Ambedkar Jayanti</p> |
| <p>Sunday</p> |
| <p>Week 16 Chapter 16 - Population Pressure, Resource Use and Environmental Degradation contd...</p> |
| <p>Week 16, Day 1, Date: 16.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment |

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| <ul style="list-style-type: none"> ○ Population Explosion and Resources ○ Industrial Development and Air Pollution |
| <p>Week 16, Day 2, Date: 17.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment <ul style="list-style-type: none"> ○ Industrial Development and Air Pollution contd... ○ Urbanization and Water Pollution |
| <p>Week 16, Day 3, Date: 18.04.2018</p> <p style="text-align: center;">Holiday - Parshuram Jayanti</p> |
| <p>Week 16, Day 4, Date: 19.04.2018</p> <ul style="list-style-type: none"> • Degradation of Natural Environment <ul style="list-style-type: none"> ○ Soil Pollution and Noise Pollution |
| <p>Week 16</p> <p>Chapter 17 - Sustainable Development</p> |
| <p>Week 16, Day 5, Date: 20.04.2018</p> <ul style="list-style-type: none"> • Sustainable Development |
| <p>Week 16, Day 6, Date: 21.04.2018</p> <ul style="list-style-type: none"> • Sustainable Development |
| Sunday |
| <p>Week 17</p> |
| <p>Week 17, Day 1, Date: 23.04.2018</p> <ul style="list-style-type: none"> • Class Test |
| <p>Week 17, Day 2, Date: 24.04.2018</p> <ul style="list-style-type: none"> • Revision |
| <p>Week 17, Day 3, Date: 25.04.2018</p> <ul style="list-style-type: none"> • Revision |
| <p>Week 17, Day 4, Date: 26.04.2018</p> <ul style="list-style-type: none"> • Revision |
| <p>Week 17, Day 5, Date: 27.04.2018</p> <ul style="list-style-type: none"> • Revision |
| <p>Week 17, Day 6, Date: 28.04.2018</p> <ul style="list-style-type: none"> • Revision |

Class: B.A./B.Sc. II, Semester IV
Map Projections (Practical)
(January 2018 to April 2018)

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| Week 1 | |
| Chapter 1 - Map Projection: General Principles | |
| Group I and II | Week 1, Day 1, Date: 01.01.2018 <ul style="list-style-type: none"> • Meaning and Definition of Map Projections • Classification of Map Projections |
| | Week 1, Day 2, Date: 02.01.2018 <ul style="list-style-type: none"> • Classification of Map Projections contd... |
| | Week 1, Day 3, Date: 03.01.2018 <ul style="list-style-type: none"> • Classification of Map Projections contd... |
| Group III | Week 1, Day 4, Date: 04.01.2018 <ul style="list-style-type: none"> • Meaning and Definition of Map Projections • Classification of Map Projections |
| | Week 1, Day 5, Date: 05.01.2018 Holiday - Guru Govind Jayanti |
| | Week 1, Day 6, Date: 06.01.2018 <ul style="list-style-type: none"> • Classification of Map Projections contd... |
| Sunday | |
| Week 2 | |
| Chapter 2 - Cylindrical Map Projections | |
| Group I and II | Week 2, Day 1, Date: 08.01.2018 <ul style="list-style-type: none"> • Principle of Cylindrical Projection • Simple Cylindrical Projection |
| | Week 2, Day 2, Date: 09.01.2018 <ul style="list-style-type: none"> • Simple Cylindrical Projection contd... |
| | Week 2, Day 3, Date: 10.01.2018 <ul style="list-style-type: none"> • Simple Cylindrical Projection contd... |
| Group III | Week 2, Day 4, Date: 11.01.2018 <ul style="list-style-type: none"> • Principle of Cylindrical Projection • Simple Cylindrical Projection |
| | Week 2, Day 5, Date: 12.01.2018 <ul style="list-style-type: none"> • Simple Cylindrical Projection contd... |
| | Week 2, Day 6, Date: 13.01.2018 <ul style="list-style-type: none"> • Simple Cylindrical Projection contd... |
| Sunday | |
| Week 3 | |
| Chapter 2 - Cylindrical Map Projections contd... | |
| Group I and II | Week 3, Day 1, Date: 15.01.2018 <ul style="list-style-type: none"> • Cylindrical Equal Area Projection |
| | Week 3, Day 2, Date: 16.01.2018 <ul style="list-style-type: none"> • Cylindrical Equal Area Projection contd... |
| | Week 3, Day 3, Date: 17.01.2018 <ul style="list-style-type: none"> • Mercator's Projection |

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| Group III | Week 3, Day 4, Date: 18.01.2018 • Cylindrical Equal Area Projection |
| | Week 3, Day 5, Date: 19.01.2018 • Cylindrical Equal Area Projection contd... |
| | Week 3, Day 6, Date: 20.01.2018 • Mercator's Projection |
| Sunday | |
| Week 4 | |
| Chapter 2 - Cylindrical Map Projections contd... | |
| Group I and II | Week 4, Day 1, Date: 22.01.2018 Holiday - Vasant Panchami |
| | Week 4, Day 2, Date: 23.01.2018 • Mercator's Projection contd... |
| | Week 4, Day 3, Date: 24.01.2018 Holiday - Sir Chhotu Ram Jayanti |
| Group III | Week 4, Day 4, Date: 25.01.2018 • Mercator's Projection contd... |
| | Week 4, Day 5, Date: 26.01.2018 Holiday - Republic Day |
| | Week 4, Day 6, Date: 27.01.2018 • Mercator's Projection contd... |
| Sunday | |
| Week 5 | |
| Chapter 3 - Conical Projections | |
| Group I and II | Week 5, Day 1, Date: 29.01.2018 • Principle of Conical Projections • Types of Conical Projections |
| | Week 5, Day 2, Date: 30.01.2018 • Simple Conical Projection with one Standard Parallel |
| | Week 5, Day 3, Date: 31.01.2018 Holiday - Guru Ravidas Jayanti |
| Group III | Week 5, Day 4, Date: 01.02.2018 • Principle of Conical Projections and Types of Conical Projections |
| | Week 5, Day 5, Date: 02.02.2018 • Simple Conical Projection with one Standard Parallel |
| | Week 5, Day 6, Date: 03.02.2018 • Simple Conical Projection with one Standard Parallel contd... |
| Sunday | |
| Week 6 | |
| Chapter 3 - Conical Projections contd... | |
| Group I and II | Week 6, Day 1, Date: 05.02.2018 • Simple Conical Projection with two Standard Parallels |
| | Week 6, Day 2, Date: 06.02.2018 |

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| | <ul style="list-style-type: none"> • Simple Conical Projection with two Standard Parallels contd... |
| | Week 6, Day 3, Date: 07.02.2018 |
| | <ul style="list-style-type: none"> • Simple Conical Projection with two Standard Parallels contd... |
| Group III | Week 6, Day 4, Date: 08.02.2018 |
| | <ul style="list-style-type: none"> • Simple Conical Projection with two Standard Parallels |
| | Week 6, Day 5, Date: 09.02.2018 |
| | <ul style="list-style-type: none"> • Simple Conical Projection with two Standard Parallels contd... |
| | Week 6, Day 6, Date: 10.02.2018 |
| Holiday - Maharshi Dayanand Saraswati Jayanti | |
| Sunday | |
| Week 7 | |
| Chapter 3 - Conical Projections contd... | |
| Group I and II | Week 7, Day 1, Date: 12.02.2018 |
| | <ul style="list-style-type: none"> • Bonne's Projection |
| | Week 7, Day 2, Date: 13.02.2018 |
| Holiday - Maha Shivratri | |
| Group III | Week 7, Day 3, Date: 14.02.2018 |
| | <ul style="list-style-type: none"> • Bonne's Projection contd... |
| | Week 7, Day 4, Date: 15.02.2018 |
| Group III | <ul style="list-style-type: none"> • Bonne's Projection |
| | Week 7, Day 5, Date: 16.02.2018 |
| | <ul style="list-style-type: none"> • Bonne's Projection contd... |
| Group III | Week 7, Day 6, Date: 17.02.2018 |
| | <ul style="list-style-type: none"> • Bonne's Projection contd... |
| | Sunday |
| Week 8 | |
| Chapter 3 - Conical Projections contd... | |
| Group I and II | Week 8, Day 1, Date: 19.02.2018 |
| | <ul style="list-style-type: none"> • Polyconic Projection |
| | Week 8, Day 2, Date: 20.02.2018 |
| Group III | <ul style="list-style-type: none"> • Polyconic Projection contd... |
| | Week 8, Day 3, Date: 21.02.2018 |
| | <ul style="list-style-type: none"> • Polyconic Projection contd... |
| Group III | Week 8, Day 4, Date: 22.02.2018 |
| | <ul style="list-style-type: none"> • Polyconic Projection |
| | Week 8, Day 5, Date: 23.02.2018 |
| Group III | <ul style="list-style-type: none"> • Polyconic Projection contd... |
| | Week 8, Day 6, Date: 24.02.2018 |
| | <ul style="list-style-type: none"> • Polyconic Projection contd... |
| Sunday | |
| Week 9 | |
| Chapter 4 - Zenithal Projections | |
| Group I and II | Week 9, Day 1, Date: 26.02.2018 |

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| | <ul style="list-style-type: none"> Principle of Zenithal Projection Classification of Zenithal Projection |
| | Week 9, Day 2, Date: 27.02.2018 <ul style="list-style-type: none"> Classification of Zenithal Projection contd... |
| | Week 9, Day 3, Date: 28.02.2018 Vacation |
| Group III | Week 9, Day 4, Date: 01.03.2018 Vacation |
| | Week 9, Day 5, Date: 02.03.2018 Vacation |
| | Week 9, Day 6, Date: 03.03.2018 Vacation |
| Sunday | |
| Week 10 | |
| Chapter 4 - Zenithal Projections contd... | |
| Group I and II | Week 10, Day 1, Date: 05.03.2018 <ul style="list-style-type: none"> Classification of Zenithal Projection contd... |
| | Week 10, Day 2, Date: 06.03.2018 <ul style="list-style-type: none"> Polar Gnomonic Zenithal Projection |
| | Week 10, Day 3, Date: 07.03.2018 <ul style="list-style-type: none"> Polar Gnomonic Zenithal Projection contd... |
| Group III | Week 10, Day 4, Date: 08.03.2018 <ul style="list-style-type: none"> Principle of Zenithal Projection Classification of Zenithal Projection |
| | Week 10, Day 5, Date: 09.03.2018 <ul style="list-style-type: none"> Classification of Zenithal Projection contd... |
| | Week 10, Day 6, Date: 10.03.2018 <ul style="list-style-type: none"> Polar Gnomonic Zenithal Projection contd... |
| Sunday | |
| Week 11 | |
| Chapter 4 - Zenithal Projections contd... | |
| Group I and II | Week 11, Day 1, Date: 12.03.2018 <ul style="list-style-type: none"> Polar Stereographic Zenithal Projection |
| | Week 11, Day 2, Date: 13.03.2018 <ul style="list-style-type: none"> Polar Stereographic Zenithal Projection contd... |
| | Week 11, Day 3, Date: 14.03.2018 <ul style="list-style-type: none"> Polar Orthographic Zenithal Projection |
| Group III | Week 11, Day 4, Date: 15.03.2018 <ul style="list-style-type: none"> Polar Stereographic Zenithal Projection |
| | Week 11, Day 5, Date: 16.03.2018 <ul style="list-style-type: none"> Polar Stereographic Zenithal Projection contd... |
| | Week 11, Day 6, Date: 17.03.2018 |

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| | <ul style="list-style-type: none"> • Polar Orthographic Zenithal Projection |
| Sunday | |
| Week 12 | |
| Chapter 4 - Zenithal Projections contd... | |
| Group I and II | Week 12, Day 1, Date: 19.03.2018 <ul style="list-style-type: none"> • Polar Zenithal Equidistant Projection |
| | Week 12, Day 2, Date: 20.03.2018 <ul style="list-style-type: none"> • Polar Zenithal Equidistant Projection contd... |
| | Week 12, Day 3, Date: 21.03.2018 <ul style="list-style-type: none"> • Polar Zenithal Equidistant Projection contd... |
| Group III | Week 12, Day 4, Date: 22.03.2018 <ul style="list-style-type: none"> • Polar Zenithal Equidistant Projection |
| | Week 12, Day 5, Date: 23.03.2018 Holiday - Haryana Heroes Day |
| | Week 12, Day 6, Date: 24.03.2018 <ul style="list-style-type: none"> • Polar Zenithal Equidistant Projection contd... |
| Sunday | |
| Week 13 | |
| Chapter 5 - Conventional Projections | |
| Group I and II | Week 13, Day 1, Date: 26.03.2018 <ul style="list-style-type: none"> • Sinusoidal Projection |
| | Week 13, Day 2, Date: 27.03.2018 <ul style="list-style-type: none"> • Sinusoidal Projection contd... |
| | Week 13, Day 3, Date: 28.03.2018 <ul style="list-style-type: none"> • Sinusoidal Projection contd... |
| Group III | Week 13, Day 4, Date: 29.03.2018 Holiday - Mahavir Jayanti |
| | Week 13, Day 5, Date: 30.03.2018 <ul style="list-style-type: none"> • Sinusoidal Projection |
| | Week 13, Day 6, Date: 31.03.2018 <ul style="list-style-type: none"> • Sinusoidal Projection contd... |
| Sunday | |
| Week 14 | |
| Chapter 5 - Conventional Projections contd... | |
| Group I and II | Week 14, Day 1, Date: 02.04.2018 <ul style="list-style-type: none"> • Mollweide's Projection |
| | Week 14, Day 2, Date: 03.04.2018 <ul style="list-style-type: none"> • Mollweide's Projection contd... |
| Week 14 | |
| Chapter 6 - Identification and Choice of Map Projection | |

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| Group I and II | Week 14, Day 3, Date: 04.04.2018 <ul style="list-style-type: none"> • Identification and Choice of Map Projection |
| Week 14 Chapter 5 - Conventional Projections contd... | |
| Group III | Week 14, Day 4, Date: 05.04.2018 <ul style="list-style-type: none"> • Mollweide's Projection |
| | Week 14, Day 5, Date: 06.04.2018 <ul style="list-style-type: none"> • Mollweide's Projection contd... |
| Week 14 Chapter 6 - Identification and Choice of Map Projection | |
| Group III | Week 14, Day 6, Date: 07.04.2018 <ul style="list-style-type: none"> • Identification and Choice of Map Projection |
| Sunday | |
| Week 15 Chapter 7 - Plane Table Survey | |
| Group I and II | Week 15, Day 1, Date: 09.04.2018 <ul style="list-style-type: none"> • Definition and Importance of Surveying • Functions and Types of Survey |
| | Week 15, Day 2, Date: 10.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 15, Day 3, Date: 11.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| Group III | Week 15, Day 4, Date: 12.04.2018 <ul style="list-style-type: none"> • Definition and Importance of Surveying • Functions and Types of Survey |
| | Week 15, Day 5, Date: 13.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 15, Day 6, Date: 14.04.2018 Holiday - Baisakhi and Ambedkar Jayanti |
| Sunday | |
| Week 16 Chapter 7 - Plane Table Survey contd... | |
| Group I and II | Week 16, Day 1, Date: 16.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 16, Day 2, Date: 17.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 16, Day 3, Date: 18.04.2018 Holiday - Parshuram Jayanti |
| Group III | Week 16, Day 4, Date: 19.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 16, Day 5, Date: 20.04.2018 <ul style="list-style-type: none"> • Plane Table Survey |
| | Week 16, Day 6, Date: 21.04.2018 |

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| | <ul style="list-style-type: none">• Plane Table Survey |
| Sunday | |
| Week 17 | |
| Group I and II | Week 17, Day 1, Date: 23.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 2, Date: 21.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 3, Date: 25.04.2018 <ul style="list-style-type: none">• Revision |
| Group III | Week 17, Day 4, Date: 26.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 5, Date: 27.04.2018 <ul style="list-style-type: none">• Revision |
| | Week 17, Day 6, Date: 28.04.2018 <ul style="list-style-type: none">• Revision |