

Name of Assistant Professor: Dr. Dushyant Kumar

Class:– 6th semester

Subject: - Geography

Lesson Plan: 18Weeks (from January 2024 to 25th April 2024)

Week 1
Introduction to Aerial Photographs
Week 2
Types of aerial photograph, Elements of aerial Photo interpretation.
Week 3
Introduction to Remote Sensing
Week 4
Electromagnetic spectrum, stages in remote sensing
Week 5
type of satellites
Week 6
Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.
Week 7
Introduction to Geographical Information System: Definition, purpose
Week 8
GIS advantages and software and hardware requirements.
Week 9

Application of GIS in various fields of geography
Week 10
Measure of Central Tendency Mean
Week 12
Median
Week 13
Holy Holiday
Week 14
Measure of Dispersion: Range
Week 15
Quartile deviation and Mean deviation
Week 16
Standard deviation, Coefficient of variation
Week17
Revision
Week 18
Revision

Geography Practical (from January 2024 to 25th April 2024)

Week 1
Demarcation of Principal Point, Conjugate Principal point
Week 2
Flight line on Aerial Photographs
Week 3
Determination of Scale of Aerial Photographs
Week 4
Interpretation of Single Vertical Photographs
Week 5
Use of Stereoscope and Identification of Features
Week 6
Identification of Features on IRSID, LISS III imagery
Week 7
Socio-economic Survey
Week 8
Socio-economic Survey
Week 9
Socio-economic Survey Report Writing
Week 10

Socio-economic Survey
Week 11 Socio-economic Survey Report Writing
Week 12 Socio-economic Survey Report Writing
Week 13 Holy Holiday
Week 14 Revision
Week 15 Revision
Week 16 Revision
Week17 Revision
Week 18 Revision

