

**Lesson Plan 2021-22**

**FGM Government College, Adampur**

**Unit wise Lesson Plan for Even Semester**

**Department: Geography**

**Teacher: Dr. Ashok Beniwal**

**Class: M.Sc. 2<sup>nd</sup> sem.**

**Subject: Population Geography**

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"> <li>Nature and scope of population geography</li> <li>Methodological problems in population geography.</li> <li>Sources of population data, quality and reliability of data</li> <li>problems of mapping population data.</li> </ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"> <li>Concepts, determinants and world patterns of the following attributes of population:                             <ul style="list-style-type: none"> <li>(i) Distribution and density</li> <li>(ii) Vital rates: birth and death rates</li> <li>(iii) Migration (including laws of migration)</li> <li>(iv) Growth</li> <li>(v) Age and Sex Composition</li> <li>(vi) Occupation</li> <li>(vii) Literacy</li> </ul> </li> <li>Quality of human resource: human development index and its components.</li> </ul>	April	Class Test
3	<ul style="list-style-type: none"> <li>Limits to growth: Concepts of over population, under population and optimum population</li> <li>Demographic Transition Model</li> <li>Population Resource Regions</li> <li>Theories of population: Malthus, Ricardo and Marx</li> </ul>	May	2 <sup>nd</sup> Assignment
4	<ul style="list-style-type: none"> <li>Demographic dividend and population policy of India</li> <li>Comparative study of population problems and policies of developed and less developed countries. Case study of U.S.A., Japan, China and Brazil</li> <li>Population problems and Environmental implications.</li> </ul>	May to Till Exams	
<b>Revisions &amp; discussions</b>			

*Ashok Beniwal*  
Teacher

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester

Department: Geography

Teacher: Dr. Ashok Beniwal

Class: M.Sc. 4<sup>th</sup> sem.

Subject: Fundamental of GIS (Theory)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"><li>GIS: Definition and scope; Components and Elements of GIS, Concept of Geoid and Spheroid. Coordinate projection system: Implications of spherical and planar coordinate systems and their transformations in GIS;</li></ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"><li>Geographic Data: Spatial and Non-Spatial: Data Sources. Spatial Data Structure: Raster and Vector; Data base management system.</li></ul>	April	Class Test
3	<ul style="list-style-type: none"><li>Map Scale and map projection: need of projection, spherical co ordinate system and properties</li></ul>	May	2 <sup>nd</sup> Assignment
4	<ul style="list-style-type: none"><li>Integration of RS data into GIS and its application in resources mapping, urban management and real time mapping.</li><li>Current issues in GIS</li></ul> <p>Revisions &amp; discussions</p>	May to Till Exams	

  
Teacher

Lesson Plan 2021-22

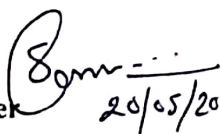
FGM Government College, Adampur  
Unit wise Lesson Plan for Even Semester  
Department: Geography

Teacher: Mr. Sonu  
Subject: Hydrology and Oceanography

Class: M.Sc. 4<sup>th</sup> sem.

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"> <li>• Introduction: About Syllabus</li> <li>• Introduction: About Hydrology</li> <li>• Nature &amp; scope of hydrology</li> <li>• Historical development of hydrology</li> <li>• Relationship of hydrology with other physical sciences</li> <li>• Hydrological cycle</li> <li>• Hydrological budget</li> <li>• Human impact on hydrological cycle</li> </ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"> <li>• Rainfall: frequency, intensity measurement</li> <li>• Accuracy and determination of average rainfall</li> <li>• Source and measurement of stream flow</li> <li>• Hydrograph and its components</li> <li>• Analysis and factors affecting the hydrograph shape</li> <li>• Methods of hydrograph separation</li> <li>• Rainfall-runoff relationship</li> </ul>	April	Class Test
3	<ul style="list-style-type: none"> <li>• Major topographic features of ocean basin- Atlantic, pacific, Indian</li> <li>• Classification and deposition of ocean deposits</li> <li>• Coral origin, types and condition for development</li> </ul>	May	2 <sup>nd</sup> Assignment
4	<ul style="list-style-type: none"> <li>• Ocean current origin, effects</li> <li>• Ocean temperature</li> <li>• Ocean salinity</li> </ul> <p>Revisions &amp; discussions</p>	May to Till Exams	

Teacher

  
20/05/2022

Lesson Plan 2021-22

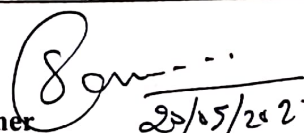
FGM Government College, Adampur  
Unit wise Lesson Plan for Even Semester  
Department: Geography

Teacher: Mr. Sonu  
Subject: Interpretation of Toposheets and  
Morphometric analysis (Practical)

Class: M.Sc. 2<sup>nd</sup> sem.

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<p>Introduction: About Syllabus</p> <ul style="list-style-type: none"><li>• Introduction: about Toposheets</li><li>• Identify Physical features and cultural features</li><li>• Conventional sign</li><li>• Introduction: About Profiles</li><li>• Serial profile</li><li>• Superimposed</li><li>• Composite</li><li>• Projected</li><li>• Valley Thalweg profile</li></ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"><li>• Relationship between stream order and stream number</li><li>• Relationship between stream order and Avg. stream length</li><li>• Drainage frequency</li><li>• Drainage density</li></ul>	April	Class Test
3	<ul style="list-style-type: none"><li>• Relief aspect of stream</li><li>• Area height curve</li><li>• Altimetric frequency curve</li><li>• Hypsographic curve</li><li>• Hypsographic integral curve</li><li>• Clinographic curve</li></ul>	May	
4	<ul style="list-style-type: none"><li>• Slope Analysis</li><li>• Wentworth method of avg. slope</li><li>• GH. Smith method of relative relief</li></ul> <ul style="list-style-type: none"><li>• <b>Revisions &amp; discussions</b></li></ul>	May to Till Exams	2 <sup>nd</sup> Assignment

Teacher

  
25/05/2022



Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester


Department: Geography

Teacher: Mr. Sonu  
Subject: Economic Geography

Class: B.A. (H) 4<sup>th</sup> sem.

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"><li>• Introduction: About Syllabus</li><li>• Introduction: About Economic Geography</li><li>• Nature &amp; scope of economic geog.</li><li>• Relationship of economic geog. with other social sciences</li><li>• Economic activities classification</li><li>• And their impact on environment</li></ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"><li>• Type, basis and classification of world natural resources</li><li>• Conservation and utilization of resources</li></ul>	April	
3	<ul style="list-style-type: none"><li>• Classification of world agricultural system</li><li>• Intensive subsistence agriculture</li><li>• Mediterranean agriculture</li><li>• Dairy farming</li><li>• Plantation farming</li><li>• Coal : distribution and production</li><li>• Petroleum: Distribution and production</li><li>• Natural gas: distribution and production</li></ul>	May	2 <sup>nd</sup> Assignment
4	<ul style="list-style-type: none"><li>• Classification of industries and basis of location</li><li>• Iron and steel industry</li><li>• Cotton textile</li><li>• Major industrial complexes</li> <li>• Revisions &amp; discussions</li></ul>	May to Till Exams	

Teacher

  
20/05/2022

**Lesson Plan 2021-22**

**FGM Government College, Adampur**

**Unit wise Lesson Plan for Even Semester**

**Department: Geography**

**Teacher: Mr. Sandeep Kumar**

**Class: M.Sc. 2<sup>nd</sup> sem.**

**Subject: Geomorphology**

<b>Sr. No.</b>	<b>Description of Chapters/Topics</b>	<b>Expected Duration</b>	<b>Assignment/Test</b>
<b>1</b>	<ul style="list-style-type: none"> <li>• Introduction: About Syllabus</li> <li>• Introduction: Geomorphology</li> <li>• Nature and scope of geomorphology</li> <li>• Recent development in geomorphology</li> <li>• Concepts: geological structure and landforms</li> <li>• Uniformitarianism</li> <li>• Multicycle and polygenetic evolution of landscape</li> <li>• Frequency concept of geomorphic processes</li> <li>• Climatogenetic geomorphology</li> </ul>	April	<b>1<sup>st</sup> assignment</b>
<b>2</b>	<ul style="list-style-type: none"> <li>• Continental drift theory</li> <li>• Plate tectonic theory</li> <li>• Plate motion and cycle</li> <li>• Tectonics activities along boundaries</li> <li>• Hill slope- definition and forms of slope</li> <li>• Geomorphic processes and slope forms</li> <li>• Slope evolution; down wearing</li> </ul>	April	Class Test
<b>3</b>	<ul style="list-style-type: none"> <li>• Weathering cause, type</li> <li>• Mass movement</li> <li>• Type of mass movement</li> </ul>	May	2 <sup>nd</sup> Assignment
<b>4</b>	<ul style="list-style-type: none"> <li>• Geomorphic processes and resulting land forms</li> <li>• Fluvial</li> <li>• Glacial</li> <li>• Aeolian</li> <li>• Karst</li> <li>• Applied geomorphology; meaning and concepts</li> <li>• Accelerated erosion and sedimentation</li> <li>• Construction of large dams</li> <li>• Urban geomorphology</li> </ul> <p><b>Revisions &amp; discussions</b></p>	May to Till Exams	

**Teacher**

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester

Department: Geography

Class:M.Sc. 4<sup>th</sup> sem.

Teacher: Mr. Sandeep Kumar

Subject: GIS (Practical)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"><li>• Introduction: About Syllabus</li><li>• Introduction: Georeferencing</li><li>• Creation of geo data base</li><li>• Create shape file;</li><li>•</li></ul>	April	1 <sup>st</sup> assignment
2	<ul style="list-style-type: none"><li>• On screen digitization of spatial data</li><li>• point</li><li>• Line</li><li>• Polygon</li></ul>	April	
3	<ul style="list-style-type: none"><li>• Adding attributes to these layers</li><li>• Statistical calculations</li></ul>	May	2 <sup>nd</sup> Assignment
4	<ul style="list-style-type: none"><li>• Displaying attribute data on map by various method</li><li>• Preparing layout and printing of theme map</li></ul> <p>Revisions &amp; discussions</p>	May to Till Exams	

Teacher

**Lesson Plan 2021-22**

**FGM Government College, Adampur**

**Unit wise Lesson Plan for Even Semester**

**Department: Geography**

**Teacher: Mr. Sandeep Kumar**

**Class: M.Sc. 4<sup>th</sup> sem.**

**Subject: Natural Resource management**

<b>Sr. No.</b>	<b>Description of Chapters/Topics</b>	<b>Expected Duration</b>	<b>Assignment/Test</b>
<b>1</b>	<ul style="list-style-type: none"> <li>• Introduction: About Syllabus</li> <li>• Introduction: About Resources</li> <li>• Concepts, models in NRM</li> <li>• Approaches of natural resource management</li> <li>• Population pressure on resources</li> <li>• Resource utilization and development</li> </ul>	April	<b>1<sup>st</sup> assignment</b>
<b>2</b>	<ul style="list-style-type: none"> <li>• Use and misuse of resource</li> <li>• Global and Indian scenario</li> <li>• Historical background and future prospects of various resources</li> <li>• Soil</li> <li>• Water</li> <li>• Minerals</li> <li>• forests</li> </ul>	April	Class Test
<b>3</b>	<ul style="list-style-type: none"> <li>• resources appraisal and policy making</li> <li>• appraisal of land resources</li> <li>• use of GIS and remote sensing</li> </ul>	May	2 <sup>nd</sup> Assignment
<b>4</b>	<ul style="list-style-type: none"> <li>• institutional managements and policy models towards batter management</li> <li>• sustainable resource management concept</li> <li>• methods and sustainable systems</li> </ul> <p><b>Revisions &amp; discussions</b></p>	May to <b>Till Exams</b>	

**Teacher**



## LESSON PLAN 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

**SUBJECT – Map Projections (Practical)**

Teacher Name Krupa Kumari

Class: BA II (4<sup>th</sup> Sem) Group – 4,5,6

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Unit - I Introduction of Map Projections Definition & Necessity Properties, Classification & importance of Map Projections Cylindrical Projections – Part A,B,C	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	Unit - II Conical Projections: Construction, Characteristics & Application of Conical Projections Conical Projections – Part A,B,C,D	May -2022	Unit Test in the 2nd week of May
3	Unit - III Zenithal Projections: Construction, Characteristics & Application of Zenithal Projections Zenithal Projections - Part A,B,C,D,E	May -2022	2 <sup>nd</sup> Assignment/ Unit Test in the last week of May
4	Unit -IV Conventional projections Construction, Characteristics & Application of Conventional Projections Conventional projections – Part A,B  Plain Table Survey  REVISION OF THE SYLLABUS	June 2022 up to Exams	

  
Teacher's Sign

LESSON PLAN 2021-22

FGM Government College, Adampur


Unit wise Lesson Plan for Even Semester April-June 2022

SUBJECT – Map Projections (Theory)

Teacher Name K. P. Singh

Class: BA I Hons (2<sup>nd</sup> Sem)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Unit - I Introduction of Map Projections Definition & Necessity Properties, Classification & importance of Map Projections Cylindrical Projections – Part A,B,C	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	Unit - II Conical Projections: Construction, Characteristics & Application of Conical Projections Conical Projections – Part A,B,C,D	May -2022	Unit Test in the 2 <sup>nd</sup> week of May
3	Unit - III Zenithal Projections: Construction, Characteristics & Application of Zenithal Projections Zenithal Projections - Part A,B,C,D,E	May -2022	2 <sup>nd</sup> Assignment Unit Test in the last week of May
4	Unit -IV Conventional projections Construction, Characteristics & Application of Conventional Projections Conventional projections – Part A,B  REVISION OF THE SYLLABUS	June 2022 up to Exams	

  
Teacher's Sign

## LESSON PLAN 2021-22

FGM Government College, Adampur


Unit wise Lesson Plan for Even Semester April-June 2022

**SUBJECT – Map Projections (Theory)**

Teacher Name Krupa Kumari

Class: BA I Hons (2<sup>nd</sup> Sem)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit - I</b> Introduction of Map Projections Definition & Necessity Properties, Classification & importance of Map Projections Cylindrical Projections – Part A,B,C	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	<b>Unit - II</b> Conical Projections: Construction, Characteristics & Application of Conical Projections Conical Projections – Part A,B,C,D	May -2022	Unit Test in the 2nd week of May
3	<b>Unit - III</b> Zenithal Projections: Construction, Characteristics & Application of Zenithal Projections Zenithal Projections - Part A,B,C,D,E	May -2022	2 <sup>nd</sup> Assignment/ Unit Test in the last week of May
4	<b>Unit -IV</b> Conventional projections Construction, Characteristics & Application of Conventional Projections Conventional projections – Part A,B <b>REVISION OF THE SYLLABUS</b>	June 2022 up to Exams	

  
Teacher's Sign



LESSON PLAN 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

**SUBJECT – Regional Development &**

**Planning – With Special Reference to India**

Teacher Name Kirpalan

Class: M Sc. Geo (2<sup>nd</sup> Sem)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Unit – I Regional Development, Concept of Space & region, Typology of Region, Planning Region, region of India	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	Unit - II Theory of Polarized Development F Perroux Model Hirschman Theory, Myrdle Theory, J Friedman Theory, Ecological theory of Sustainable Development	May -2022	Unit Test in the 2nd week of May
3	Unit – III Development & regional Disparity in India since Independence Disparity in Agriculture Disparity in Industry Disparity in Health & Education	May -2022	2 <sup>nd</sup> Assignment/ Unit Test in the last week of May
4	Unit -IV Approaches in regional Planning In India Planning in India through 5 Year Plan, Area development Plan Metropolitan Planning; Regional Problems & Prospects in India REVISION OF THE SYLLABUS	June 2022 up to Exams	





## LESSON PLAN 2021-22

FGM Government College, Adampur


Unit wise Lesson Plan for Even Semester April-June 2022

**SUBJECT – Agricultural Geography (Theory)**

Teacher Name Kirpa Ram

Class: M Sc. Geo (2<sup>nd</sup> Sem)

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit – I</b> Nature, Scope & Significance of Agricultural Geography Origin & Dispersal of Agriculture Determinants of Agricultural Patterns	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	<b>Unit - II</b> Concept of Land Capability Survey, Land Use & Cropping Pattern Vonthunen Model of Land Use, crop Combination. Concentration & Diversification Agro climatic Zonation	May -2022	Unit Test in the 2nd week of May
3	<b>Unit – III</b> Agricultural System by Whittlesey & Typology by Kostrowiki Measurement of Agricultural Productivity Green Revolution	May -2022	2 <sup>nd</sup> Assignment/ Unit Test in the last week of May
4	<b>Unit -IV</b> Food production & Food Security Neo-Liberalization & Indian Agriculture Agriculture & Climate Change <b>REVISION OF THE SYLLABUS</b>	June 2022 up to Exams	

  
Teacher's Sign

# Department: Geography

Lesson Plan 2021-22

Lesson Plan for Even Semester April-June 2022

Name of the teacher: Dr. Subhash Chander

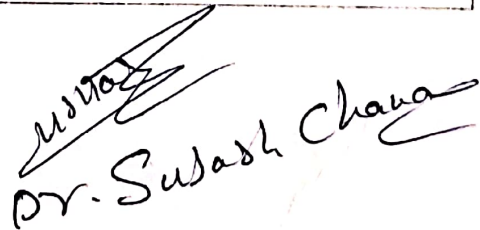
Designation: -Asstt. Prof.

Class : B.A. (Hon's) 2nd Sem.

Semester:-2nd

## Paper : Agricultural Geography Theory

Sr. No.	Description of Chapters/ Topics	Expected Duration
1	<ul style="list-style-type: none"><li>• Definition, nature and scope of Agricultural Geography, its relation with agricultural economics</li><li>• Various approaches to the study of agricultural geography with special reference to commodity systematic and regional approaches.</li><li>• Physical factors as determinants of land use and cropping pattern.</li></ul>	April 1st to 30th April
Test/ Assignment		
2	<ul style="list-style-type: none"><li>• Technological and institutional factors as determinants of agricultural pattern.</li><li>• Significance of surveys in agricultural geography-land use and land capability surveys.</li><li>• Von Thunen model of agricultural land use.</li></ul>	May 1st to 30th May
Test/ Assignment		
	<ul style="list-style-type: none"><li>• World agricultural regions whitlesey's criteria of classification of agricultural systems.</li><li>• Green revolution in India (with special reference to Haryana) its impacts and consequences.</li></ul>	1 <sup>st</sup> June to 15 June
Test/ Assignment		

  
Dr. Subhash Chander

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

Department: Geography

Teacher: Dr. Subash chander	Class: B.A 2 <sup>nd</sup> Sem
Subject: Physical Geography-1(Geomorphology)	Section: C

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	1.Physical Georaphy 2.Constitution of the Earth interior 3.Geological time scale 4.Reks	1st week of April to 3rd week of April	Assignment in the beginning of last week of April
2	5.Earth Movements 6.Earthquakes and Volcanoes 7.Theory of isostasy 8.theory of Continental Drift 9.Plate Tectonics	4 <sup>th</sup> week of April to 2 <sup>nd</sup> week of May	
3	10.Weathering 11.Mass Movements 12.Cycle of Erosion 13.The work of wind and Aeolian landforms	3rd week of 3 <sup>rd</sup> to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	14.The work of rivers and produced landforms 15.Underground water and karst landscape 16.The work of glaciers and glaciated landforms 17. Work of sea Waves and Coastal landforms	1st week of June to 2nd week of June	

*Dr. Subash Chander*

# LESSON PLAN 2021-22


FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

**SUBJECT – Map Projections (Practical)**

Teacher Name Dr. Susush Chatterjee Class: BA II (4<sup>th</sup> Sem) Group 1,2,3

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Unit - I Introduction of Map Projections Definition & Necessity Properties, Classification & importance of Map Projections Cylindrical Projections – Part A,B,C	April - 2022	1 <sup>st</sup> Assignment in the last week of April
2	Unit - II Conical Projections: Construction, Characteristics & Application of Conical Projections Conical Projections – Part A,B,C,D	May -2022	Unit Test in the 2nd week of May
3	Unit - III Zenithal Projections: Construction, Characteristics & Application of Zenithal Projections Zenithal Projections - Part A,B,C,D,E	May -2022	2 <sup>nd</sup> Assignment Unit Test in the last week of May
4	Unit -IV Conventional projections Construction, Characteristics & Application of Conventional Projections Conventional projections – Part A,B  Plain Table Survey  REVISION OF THE SYLLABUS	June 2022 up to Exams	

  
Teacher's Sign  
Dr. Susush Chatterjee



Lesson Plan 2021-22

FGM Government College, Adampur

Lesson Plan for Even Semester April- June

Department: Geography

Teacher:	Mr. Chanan Mal	Class: B.A. Hons. Geo. 2nd sem.
Subject:	GEGH. -104:-Climatology	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"> <li>• Atmosphere: Meaning and Definition,</li> <li>• Composition of the Atmosphere,</li> <li>• Structure of Atmosphere, Chemical</li> <li>• Composition of the Atmosphere and importance of the Atmosphere</li> <li>• Insolation and Temperature:</li> <li>• Solar Radiation : Meaning ,</li> <li>• Insolation:- Meaning</li> <li>• Factor Affecting Insolation, Heating and cooling of the Atmosphere</li> <li>• Temperatue, Factors Controlling Temperature,</li> <li>• Horizontal distribution of Temperature</li> <li>• Temperature Change and its Derived Forms,</li> <li>• Range of Temperature, Temperature Zones,</li> <li>• Vertical Distribution of Temperature, Inversion of Temperature</li> <li>• Types of Inversion of Temperature</li> </ul>	April	1 <sup>st</sup> Assignment
2	<ul style="list-style-type: none"> <li>• Atmospheric Pressure: Introduction, Effect and Importance of Air Pressure, Meaning Vertical Distribution of Atmospheric Pressure, Horizontal Distribution of Atmospheric Pressure, Seasonal Distribution of Atmospheric Pressure,</li> <li>• Winds: Introduction, Controlling Factors of Winds Direction, Type of Winds, Permanent winds, Monsoon Winds, Jet streams, El-nino and Southern oscillation.</li> </ul>	April-May	Class Test
3	<ul style="list-style-type: none"> <li>• Atmospheric Humidity:- water Vapours: Meaning and Importance</li> <li>• Ways to Express Humidity</li> <li>• Evaporation , Factors Controlling Rate of Evaporation</li> <li>• Latitudinal Distribution of Evaporation.</li> <li>• Condensation , Different Forms of Condensation</li> </ul>	May	2 <sup>nd</sup> Assignment

	<ul style="list-style-type: none"> <li>• <b>Precipitation, Type of Precipitation, Distribution of Rainfall in the World</b></li> </ul>		
4	<ul style="list-style-type: none"> <li>• <b>Cyclones: : Meaning and Definition, Type of Cyclones, Temperate Cyclones, Tropical Cyclones, Anticyclones</b></li> <li>• <b>Air mass: : Meaning and Definition, Nature of Air mass, Source Regions of Air masses, Classification of Air masses</b></li> <li>• <b>Front: Meaning and Definition, Front genesis, Essential Conditions for the Front genesis, Types of Fronts, Weather Conditions in a Front</b></li> <li>• <b>Climatic Change: Meaning, Causes of Climatic Change</b></li> <li>• <b>Global Warming, Impact of increased Global warming</b></li> <li>• <b>Revisions &amp; discussions</b></li> </ul>	May to Till Exam	Group Discussion

Lesson Plan 2021-22

FGM Government College, Adampur

Lesson Plan for Even Semester April-June

Department: Geography

Teacher:	Mr. Chanan Mal	Class: B.A.6 <sup>th</sup> sem.
Subject:	GEOG.303- Introduction to Remote Sensing, GIS & Quantitative Methods (Theory)	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"> <li>• Introduction to Aerial Photographs:- Meaning, Application of Aerial Photos</li> <li>• Advantages of Aerial Photos</li> <li>• Types of Aerial Photos, Scale of Aerial Photos</li> <li>• Method of Aerial Photography</li> <li>• Image Interpretation, Factor Affecting Quality of an Image</li> <li>• Factor Affecting the Interpretation of Aerial Photographs</li> <li>• Elements of Image Interpretation,</li> <li>• Basis of Aerial Photograph Interpretation</li> <li>• Method of Interpretation of Aerial Photographs,</li> <li>• Benefits of Aerial Photograph Interpretation</li> <li>• Remote Sensing: Meaning and Definition, Fundamentals of Remote Sensing</li> <li>• stages of Remote Sensing</li> <li>• Electromagnetic Spectrum</li> <li>• Type of Remote Sensing</li> <li>• Sensors, Resolution and its type</li> <li>• Platform, Development of Remote Sensing Technology</li> </ul>	April	1 <sup>st</sup> Assignment
2	<ul style="list-style-type: none"> <li>• Imageries : Introduction and Definition</li> <li>• Type of Images</li> <li>• Applications of Imageries in Natural Resource Management</li> </ul>	April-May	Class Test
3	<ul style="list-style-type: none"> <li>• G.I.S. :- Meaning and Definitions</li> <li>• Data Base in G.I.S.</li> <li>• Source of Data in G.I.S.</li> <li>• Type of Data in G.I.S.</li> <li>• Purpose of G.I.S.</li> <li>• Advantages of G.I.S.</li> <li>• Elements of G.I.S.</li> <li>• Application of G.I.S.</li> </ul>	May	2 <sup>nd</sup> Assignment

<ul style="list-style-type: none"> <li>• Measures of Central Tendency: Meaning and Definitions of Statistics, Calculation of Statistical Data.</li> <li>• Statistical Averages and its Type, Arithmetic Mean / Averages,</li> <li>• Median</li> <li>• Mode</li> <li>• Measure of Dispersion: Range</li> <li>• Quartile deviation and Mean deviation</li> <li>• Standard Deviation</li> <li>• Coefficient of variation</li> <li>• Revisions &amp; discussions</li> </ul>	<p>May – Till Exam</p>	<p>Group Discussion</p>



Lesson Plan 2021-22

FGM Government College, Adampur

Lesson Plan for Even Semester April- June

Department: Geography

Teacher:	Mr. Chanan Mal	Class: B.A.4 <sup>th</sup> sem.
Subject:	GEOG 203.- Human Geography	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<ul style="list-style-type: none"> <li>• Distribution of Population,</li> <li>• Factors Affecting Population Distribution</li> <li>• Pattern of world Population Distribution</li> <li>• Density of Population</li> <li>• World Distribution of Density Population</li> <li>• Population Change</li> <li>• Determinants of Population Change</li> <li>• Demographic Transition Model</li> </ul>	April	1 <sup>st</sup> Assignment
2	<ul style="list-style-type: none"> <li>• Concept of Overpopulation</li> <li>• Concept of Under population</li> <li>• Concept of Optimum population</li> <li>• Population theories:- Malthus</li> <li>• Ricardo</li> <li>• Marx</li> <li>•</li> </ul>	April- May	Class Test
3	<ul style="list-style-type: none"> <li>• Rural Settlement:- Meaning,</li> <li>• Type of Rural Settlement</li> <li>• Factors Affecting to Location of Rural Settlements</li> <li>• Urban Settlement: Origin</li> <li>• Classification and Functions of Towns</li> <li>• Problems of Urbanization in India</li> </ul>	May	2 <sup>nd</sup> Assignment

- Population Pressure,
- Resource use and Environment Degradation
- Sustainable Development
- Concept of Deforestation
- Soil erosion
- Air Pollution
- Water Pollution
- Revisions & discussions

May – Till Exam

Group Discussion

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June

Department: Geography

Teacher: Sh. Shyam Lal	Class: B.A 6 <sup>th</sup> sem.
Subject: introduction to remote sensing, GIS, quantitative Methods	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Aerial photographs Advantage and types Element of interpretation	In April	Assignment in the beginning of last week of April
2	Remote Sensing EMR, Sensors platforms resolution, types Types of imageries Uses natural resources management in india	In May	
3	GIS, Purpose, Advantage, software, hardware requirement Application of GIS in geography fields	In May	Minor test in the last week 2 <sup>nd</sup> week of May
4	Central tendency Mean ,Median, Mode Dispersion Range, QD, MD, SD, CV	In June	



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FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June

Department: Geography

Teacher: Sh. Shyamlal	Class: B.A 6 <sup>th</sup> sem.
Subject: introduction to remote sensing, GIS, quantitative Methods	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Types of Data Ogives and Histograms  Central tendency and Partitions Values	In April	Assignment in the beginning of last week of April
2	Quartiles Deviation Mean Deviation Standard Deviation	In May	
3	Continuous Probability Distribution and models Properties of Normal Distribution	In May	Minor test in the last week 2 <sup>nd</sup> week of May
4	Confidence intervals and Hypothesis Testing  Sampling	In June	





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FGM Government College, Adampur

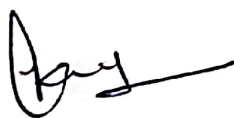
Unit wise Lesson Plan for Even Semester April to June 2022

Department: Geography

Teacher: Pawan  
Subject: Human Geography (Theory)

Class: B.A. 4<sup>th</sup> Sem.  
Section: A

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit-I</b> Nature and Scope of Human Geography Human Races and Tribes in India The concept of Man & environment relationship	1 <sup>st</sup> week of April to 4 <sup>th</sup> week of April	Assignment in the beginning of last week of April
2	<b>Unit-II</b> Human adaptation to the environment Resources meaning nature and component Classification of resources Distribution and utilization of biotic resources Distribution and utilization of abiotic resources Conservation of natural resources	1 <sup>st</sup> week of May to 2 <sup>nd</sup> week of May	
3	<b>Unit-III</b> Population of the world Concept of optimum population, over population and under population Theories of population	3 <sup>rd</sup> week of May to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	<b>Unit-IV</b> Rural settlement Origin and growth of towns Classification and function of towns Population pressure, resource use and environmental degradation Sustainable development	In June	



Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June 2022

Department: Geography

Teacher: Pawan

Class: B.A. 6<sup>th</sup> Sem.  
(Hons.)

Subject: Regional Development and Planning

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit-I</b> Concept of Region, Types of Regions. Method of Regionalization	1st week of April to 4 <sup>th</sup> week of April	Assignment in the beginning of last week of April
2	<b>Unit-II</b> Theories of Regional Development: Hirschman and Myrdal's theory. Regional imbalance in development in India with spatial reference of Human and economic development.	1 <sup>st</sup> week of May to 2 <sup>nd</sup> week of may	
3	<b>Unit-III</b> Concept of Planning: Spatial and Sectoral, Regional and national, Micro and Macro. Environmental Issues in Regional Planning: Planning for Sustainable development.	3 <sup>rd</sup> week of May to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	<b>Unit-IV</b> Features of Various Five year plans in India. Urban planning in India with spatial reference to National Capital Region.	In June	

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June 2022

Department: Geography

Teacher: Pawan

Class: B.A. 6<sup>th</sup> Sem.  
(Hons.)

Subject: Regional Development and Planning

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit-I</b> Concept of Region, Types of Regions. Method of Regionalization	1st week of April to 4 <sup>th</sup> week of April	Assignment in the beginning of last week of April
2	<b>Unit-II</b> Theories of Regional Development: Hirschman and Myrdal's theory. Regional imbalance in development in India with spatial reference of Human and economic development.	1 <sup>st</sup> week of May to 2 <sup>nd</sup> week of may	
3	<b>Unit-III</b> Concept of Planning: Spatial and Sectoral, Regional and national, Micro and Macro. Environmental Issues in Regional Planning: Planning for Sustainable development.	3 <sup>rd</sup> week of May to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	<b>Unit-IV</b> Features of Various Five year plans in India. Urban planning in India with spatial reference to National Capital Region.	In June	

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June 2022

Department: Geography

Teacher: Pawan

Class: B.A. 6<sup>th</sup> Sem.  
(Hons.)

Subject: Geography of Settlement

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit-I</b> Nature and Scope of Settlement Geography. Basic Concept: Rural and Urban Settlement, Hamlet, Village, Town, Metropolis, Conurbation, Rural-Urban Fringe.	1st week of April to 4 <sup>th</sup> week of April	Assignment in the beginning of last week of April
2	<b>Unit-II</b> Histogenesis of rural settlements: Historical development, distribution of rural settlement, size and spacing of rural settlement in India. Rural Settlements: Types, Pattern and Determinants. Functional classification of Rural settlement.	1 <sup>st</sup> week of May to 2nd week of may	
3	<b>Unit-III</b> Regional Settlement Hierarchy: Central Place Theory, Rank size rule, Primate city. Urban Land Use Models: Concentric Zone Model, Sector model and Multiple Nuclei model	3rd week of May to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	<b>Unit-IV</b> Urban Problems: Housing, poverty, water supply and sanitation. Planned cities: A case study of Chandigarh- Site and Situation, Layout and landuse, Services and infrastructure, problems.	In June	



## Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April to June 2022

Department: Geography

Teacher: Ajay Singh  
Subject: Human Geography (Theory)

Class: B.A. 4<sup>th</sup> Sem.  
Section: C

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	<b>Unit-I</b> Nature and Scope of Human Geography Human Races and Tribes in India The concept of Man & environment relationship	1st week of April to 3rd week of April	Assignment in the beginning of last week of April
2	<b>Unit-II</b> Human adaptation to the environment Resources meaning nature and component Classification of resources Distribution and utilization of biotic resources Distribution and utilization of abiotic resources Conservation of natural resources	1 <sup>st</sup> week of May to 2nd week of May	
3	<b>Unit-III</b> Population of the world Concept of optimum population, over population and under population Theories of population	3rd week of May to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	<b>Unit-IV</b> Rural settlement Origin and growth of towns Classification and function of towns Population pressure, resource use and environmental degradation Sustainable development	In June	

*Ajay Singh*

## Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

Department: Geography

Teacher: Sh. Ajay Singh	Class: B.A 2 <sup>nd</sup> Sem
Subject: Physical Geography-1(Geomorphology)	Section: D

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	1.Physical Georaphy 2.Constitution of the Earth interior 3.Geological time scale 4.Rocks	1st week of April to 3rd week of April	Assignment in the beginning of last week of April
2	5.Earth Movements 6.Earthquakes and Volcanoes 7.Theory of Isostasy 8.Theory of Continental Drift 9.Plate Tectonics	4 <sup>th</sup> week of April to 2 <sup>nd</sup> week of May	
3	10.Weathering 11.Mass Movements 12.Cycle of Erosion 13.Types of wind and Aeolian landforms	3rd week of 3 <sup>rd</sup> to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	14.The work of rivers and produced landforms 15.Land, ground water and karst landscape 16.The work of glaciers and glaciated landforms 17.Ocean Waves and Coastal landforms	1st week of June to 2nd week of June	

*Ajay Singh*

**Lesson Plan 2021-22**

**FGM Government College, Adampur**

**Unit wise Lesson Plan for Even Semester April- June 2022**

**Department: Geography**

Teacher: Sh. Ajay Singh	Class: B.A 4 <sup>th</sup> sem. Hons
Subject: Representation of Physical Features Theory	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Methods of representing relief 1.Hachures 2.Spots heights,Bench Marks and Trigonometrical Stations 3.Hill Shading 4.Layer Tints 5.Morphographic Method	April 1 <sup>st</sup> to 3 <sup>rd</sup> week of April	Assignment in the beginning of last week of April
2	Representation of Topographical features bt contours. 1.Slopes 2.ValleysRidge 4.Complex Features	1 <sup>st</sup> week to 2 <sup>nd</sup> week of may	
3	Drawing of Profile (a)Cross Profiles: Serial,superimposed,projected and composite profiles. (b) Longitudinal profiles	3 <sup>rd</sup> and 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	Stream order basin	In june	

*Ajay Singh*

Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester April-June 2022

Department: Geography

Teacher: Sh. Gurmeet

Subject: Physical Geography-1(Geomorphology)

Class: B.A 2<sup>nd</sup>Sem

Section: B

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	1.Physical Georaphy 2.Constitution of the Earth interior 3.Geological time scale 4.Roks	1st week of April to 3rd week of April	Assignment in the beginning of last week of April
2	5.Earth Movements 6.Earthquakes and Volcanoes 7.Theory of isostasy 8.theory of Continental Drift 9.Plate Tectonics	4 <sup>th</sup> week of April to 2 <sup>nd</sup> week of May	
3	10.Weathering 11.Mass Movements 12.Cycle of Erosion 13.The work of wind and Aeolian landforms	3rd week of 3 <sup>rd</sup> to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	14.The work of rivers and produced landforms 15.Underground water and karst landscape 16.The work of glaciers and glaciated landforms 17.Work of sea Waves and Coastal landforms	1st week of June to 2nd week of June	





Lesson Plan 2021-22

FGM Government College, Adampur

Unit wise Lesson Plan for Even Semester, April-june 2022

Department: Geography

Teacher: Sh. Gurmeet	Class: B.A 4 <sup>th</sup> sem. Hons
Subject: Geography of disasters	

Sr. No.	Description of Chapters/Topics	Expected Duration	Assignment/Test
1	Meaning ,concept and classification of hazard and disaster Major disaster of the world Disaster profile of india Industrial disaster , nuclear disaster and war	April 1 <sup>st</sup> to 3 <sup>rd</sup> week of April	Assignment in the beginning of last week of April
2	Tectonic disaster geographical distribution ,impact of earthquake, tsunami and volcanic eruption. Hydrological disaster impact of flood and drought in India Climatic disaster tropical cyclone cloud burst	4 <sup>th</sup> week April to 1 <sup>st</sup> week of May	
3	Preparedness of disaster Case study of cyclone and flood in india Case study of drought in india Case study of earthquake in india	2 <sup>nd</sup> week to 4 <sup>th</sup> week of May	Minor test in the last week 2 <sup>nd</sup> week of May
4	Post disaster rehabilitation Case study of tsunami Impact of disaster on economy and society in india	In june	