

Govt. College for Girls Ugalan (Hisar)
Lesson Plan (24-01-2023)

Session 2022-2023

Name of Faculty: Sh. Roop Singh

Class: B.A. 1st (2nd Semester)

Subject: Geography

Sr. No.	Week	Topic
1	<i>Week 1</i>	Chapter: 1 Physical Geography
		Introduction Meaning and Definition of Physical Geography
		Nature and Scope of Physical Geography
		Relation of Physical Geography with other Branches of Earth Science
		Chapter: 2 Constitution of the Earth Interior
		Introduction of Interior of the Earth
2	<i>Week 2</i>	Source of knowing the interior of the Earth
		Evidence from the theories of the origin of the earth
		Natural Resources: Volcano and Earth Quake
		Conclusion of Knowledge from seismology and interior of the Earth
		Different Layers of interior of Earth: Svess, R.A Dally, Homes
		Different Layers of interior of Earth: Gutainberg
3	<i>Week 3</i>	Mohorovicis, Vander Gracht
		Modern View regarding Constitution of earth's interior
		Chapter: 3 Geological Time Scale
		Origin and age of the Earth, Meaning, purpose, importance and time spans
		Proterozoic and Phenerozoic Eco
		Chapter: 4 Rocks
4	<i>Week 4</i>	Meaning, Definition and Classification: Igneous
		Sedimentary Rocks
		Metamorphic Rocks and Rocks Cycle
		Chapter: 5 Earth Movements
		Introduction and Types of Movements: Endogenetic Forces
		Eperiorogenetic forces and Orogenetic Forces
		Folds and Faults its Types
Chapter: 6 Earth Quakes and Volcanoes		
5	<i>Week 5</i>	Meaning, Definition and Origin of Earth Quake
		Intensity, Magnitude and Causes of Earth Quake
		Intensity, Magnitude and Causes of Earth Quake
		Classification and Effects of Earth Quake
		World Distribution of Earth Quake and Seismic Zones of Prediction

		Safety against Earth Quake
6	<i>Week 6</i>	Meaning, Definition and Causes of Volcanic Eruption
		Material ejected and types of Volcanoes
		Volcanic Land Forms
		Distribution of Volcanoes
		Chapter: 7 Theory of Isostasy
		Introduction, Meaning and Definition of Isostasy
		Proposition of theory of Isostasy According To J.H. Pratt
		Proposition of theory of Isostasy According To J.H. Airy, Hayford and Bowie
7	<i>Week 7</i>	Proposition of theory of Isostasy According To Joly
		Proposition of theory of Isostasy According To Arthur Holmes, Isostatic Adjustment
		Assignment with Presentation on Topic Earth Movements
		Chapter:- Theory of Continental Drift
8	<i>Week 8</i>	Introduction and Outline of Continental Drift Theory
		According to Alfred Wegener
		Evidences in Favor of Wegener's Theory
		Criticism of Wegener's Theory
		Chapter:-9 Plate Tectonics
9	<i>Week 9</i>	Introduction, Meaning and Origin of Plate Tectonics Theory
		Plate Boundaries Margins
		Causes and Significance of Plate Tectonics Theory
		Criticism of Plate Tectonics Theory
		Evidence of Plate Tectonics
		Chapter:-10 Weathering
		Introduction, Meaning and Definition of Weathering
		Types of Weathering:- Physical Weathering
Chemical Weathering		
10	<i>Week 10</i>	Biological Weathering
		Factor affecting of Weathering
		Geographical Importance of Weathering
		Chapter:-11 Mass Movements
		Introduction and Meaning of Mass Movements
11	<i>Week 11</i>	Factor affecting and Types of Mass Movements:- Slow Movements
		Rapid Movements
		Test:- Topic Weathering
		Chapter:-12 Cycle of Erosion
		Meaning and Definition of Cycle of Erosion
		Factor Controlling Davisian Cycle of Erosion
		Pre-Assumptions and Graphical Representation of Davisian Cycle of Erosion
Appraisal of Davisian Cycle of Erosion		

12	<i>Week 12</i>	The Normal Cycle of Erosion
		Interruption in Cycle of Erosion:- Rejuvenation
		Causes and landforms produced by Rejuvenation
		Chapter:-13 The Work of Wind and Aeolian Landform
		Work of Wind and Factor Controlling Wind Erosion
		Land produced by Wind Erosion
		Landform produced by Wind Erosion
13	<i>Week 13</i>	Landform produced by Wind Deposition
		Chapter:-14 The Works of Rivers and Produced
		Landforms
		Introduction, Meaning, Birth and Journey of River
		Work of River
		Landform Produced by River:- Erosional Work
		Landform Produced by Depositional Work
		Development of River Valley
Development of River Valley		
14	<i>Week 14</i>	Chapter:- 15 Under Ground Water and Karst Landscape
		Meaning and Definition of underground water and Landscape
		Zones of underground Rocks based on water saturation
		Source of underground water:- Wells
		Source of underground water:- Erosional Work
15	<i>Week 15</i>	Work of Underground Water:- Depositional Work
		Chapter:- 16 The Work of Glaciers and Glaciated
		Landforms
		Meaning and Origin of Glacier
		Movements of Glacier
		Types of Glaciers
16	<i>Week 16</i>	Assignment with Presentation on Topic:- Cycle of Erosion and Work of River
		Work of Glacier:- Erosion Work
		Work of Glacier:- Erosion Work
		Work of Glacier:- Depositional Work
		Chapter:- 17 The Work of Sea Waves and Coastal Landforms
17	<i>Week 17</i>	Introduction Sea Cast and Shore
		Types of Sea Waves
		Erosional Work of Sea Waves
		Process of Marine Erosion
		Coastal Landform produced by Erosion of the Sea Waves
		Transportation Work of Sea Waves
		Depositional Work of Sea Waves and Sea Coast Line

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Sr. No.	Week	Topic	
1	Week 1	Introduction to Topographical Sheets	Demarcation of Principal Point
2	Week 2	India and adjacent countries	Conjugate Principal Point
3	Week 3	Degree Sheet Half Degree Sheet	Conjugate Principal Point
4	Week 4	Quarter Degree Sheet Conventional Signs	Flight line on Aerial Photographs
5	Week 5	Methods of representing relief	Flight line on Aerial Photographs
6	Week 6	Representation of Topographical features by contours Slopes	Determination of Scale of Aerial Photographs
7	Week 7	Concave, convex, undulating and terraced	Determination of Scale of Aerial Photographs
8	Week 8	Valleys (V Shaped, U Shaped, Gorge, Reentrant)	Interpretation of Single Vertical Photographs
9	Week 9	Ridges (Conical hill, Volcanic hill, Plateau, Escarpment)	Interpretation of Single Vertical Photographs
10	Week 10	Complex features (waterfall, sea cliff, overhanging cliff, Fiord coast)	Use of Stereoscope
11	Week 11	Drawing of Profiles	Identification of Features
12	Week 12	Cross Profiles	Identification of Features on IRSID
13	Week 13	Serial Profile	Identification of Features on LISS III Imagery
14	Week 14	Superimposed Profile	Revision
15	Week 15	Projected Profile	Revision
16	Week 16	Composite Profile	Revision
17	Week 17	Longitudinal Profiles	Revision