

GOVT. COLLEGE JULANA (JIND)

Lesson Plan (w.e.f. 31-01-2023)

Name of Assistant Professor- Dilbag Singh
Class and Section - BA 1st Year (2nd Sem)

Session 2022-23
Subject- Geography

Sr.No	Week	Topic
1	Week 1	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
2	Week 2	Introduction of Interior of the Earth
		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	Week 3	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 Eon
		Chapter:-4 Rocks
		Meaning, Definition and Classification:- Igneous
4	Week 4	Sedimentary Rocks
		Metamorphic Rocks and Rock Cycle
		Chapter:-5 Earth Movements
		Introduction and Types of Movements:-Endogenetic Forces
		Epeirogenetic forces and Orogenetic Forces
		Folds and Faults its Types
5	Week 5	Chapter:-6 Earth Quakes and Volcanoes
		Meaning, definition and Origin of Earth Quake
		Intensity, Magnitude and Causes Of Earth Quake
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		Classification and Effects of Earth Quake
		World Distribution of Earth Quake and Seismic Zones of Prediction and Safety against Earth Quake
6	Week 6	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 B.Airy,		
7	Week 7	Hayford and Bowie
		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:-8 Theory of Continental Drift
8	Week 8	Introduction and Outline Of Continental Drift Theory
		According to Alferd Wegener
		Evidences in Favor of Wegener's Theory
		Criticism of Wegener's Theory
		Chapter:-9 Plate Tectonics
9	Week 9	Introduction, Meaning and Origin Of Plate Tectonics Theory
		Plate Boundaries Margins
		Causes and Significance of Plate Tectonics Theory
		Criticism of Plate Tectonics Theory
		Evidences of Plate Tectonics
		Chapter:-10 Weathering

		Introduction, Meaning and Definition of Weathering Types OF Weathering:- Physical Weathering Chemical Weathering Biological Weathering
10	Week 10	Factor affecting of Weathering Geographical Importance of Weathering Chapter:-11 Mass Movements Introduction and Meaning of Mass Movements Factor Affecting and Types of Mass Movements:- Slow Movements
	Week 11	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
12	Week 12	Appraisal of Davisian Cycle of erosion 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 Meaning and area of Operation Work of Wind and Factor Controlling Wind Erosion Landform produced by Wind Erosion Shaheedi Divas Holiday
13	Week 13	Landform Produced by Wind Deposition Chapter:-14 The Work 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	Week 14	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:- Springs and Geysers Work of Underground Water:- Erosional Work
15	Week 15	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	Week 16	Assignment with Presentation on Topic:- Cycle of Erosion and Work of River Works of Glacier:- Erosional Work Works of Glacier:- Erosional Work Works of Glacier:- Depositional Work Chapter:-17 The Work of Sea Waves and Coastal Landforms
17	Week 17	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

Principal
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Session 2022-23

Name of the Assistant Professor Dilbag Singh

Subject:- Geography

Class and Section-B.A. (1st Semester and BA 6th Sem)

Sr. No.	Week	Practical BA IIInd sem	Practical BA 6th Sem)
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, Re-entrant)	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 profiles	Revision
17	Week 17	Longitudinal profiles	Revision

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10/3/23