

Summary of Lesson Plans of College Faculty for Academic Session 2020 - 2021

GOVT. COLLEGE ISRANA (PANIPAT)

Name of Assistant Professor: Dr. Devender Singh

Class: B.A.1st Year (2nd Semester) for the Month of April to July 2021.

Subject: Physical Geography-I (Theory)

Months	Topics/Chapters to be Covered
April 2021	<ul style="list-style-type: none">• Definition, Nature, Scope and Fields of Physical Geography.• Interior of the Earth.• Geological Time Scale.
May 2021	<ul style="list-style-type: none">• Rocks.• Earth Movements: Organic, Eperogenic, Earth quakes and Volcanoes.• Theory of Isostasy.• Wegner's Theory of Continental Drift.• Assignment 1 on Definition, Nature, Scope and Fields of Physical Geog.
June 2021	<ul style="list-style-type: none">• Plate Tectonic Theory.• Weathering: Cause and its Types.• Mass – Movements: Causes, its types and impacts.• Concept of Cycle of Erosion.• Process of Wind.• Process of River.• Test of Definition, Nature, Scope and Fields of Physical Geog.• Assignment 2 on Weathering: Cause and its Types.
July 2021	<ul style="list-style-type: none">• Process of Underground water.• Process of Glaciers.• Process of Sea Waves.• Revision of Syllabus.

Dr. Devender Singh

Extension Lecturer of Geog,
Govt. College Israna (Pnp)

Summary of Lesson Plans of College Faculty for Academic Session 2020 - 21

GOVT. COLLEGE ISRANA (PANIPAT)

Name of Assistant Professor: Dr. Devender Singh

Class: B.A. 3rd Year (6th Semester) for the Month of April to July 2021.

Subject: Introduction to Remote Sensing, GIS & Quantitative Methods (Theory)

Months	Topics/Chapters to be Covered
April 2021	<ul style="list-style-type: none">• Introduction to Aerial Photographs: Their Advantages and Types.• Elements of Aerial Photo Interpretation.
May 2021	<ul style="list-style-type: none">• Introduction to Remote Sensing; Electromagnetic Spectrum, State in Remote Sensing, Type of Satellites.• Types of Imageries and their application in various fields such as agriculture, environment and resource mapping.• Assignment 1 on Introduction to Aerial Photographs: Their Advantages and Types.
June 2021	<ul style="list-style-type: none">• Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.• Application of GIS in various fields of Geography.• Test of Introduction to Aerial Photographs: Their Advantages and Types.• Assignment 2 on Introduction to Geographical Information System: Definition, purpose, advantages and software and hardware requirements.
July 2021	<ul style="list-style-type: none">• Measure of Central Tendency: Mean, Median, and Mode.• Measure of Dispersion: Range, Quartile deviation and Mean deviation, Standard deviation, Coefficient of variation.• Revision of Syllabus.

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Name of Assistant Professor: Dr. Devender Singh

Class: B.A. 3rd Year (6th Semester) for the Month of April to July 2021.

Subject: Remote Sensing and Field Survey Report (Geography Practical)

Months	Topics/Chapters to be Covered
April 2021	<ul style="list-style-type: none">• Demarcation of Principal Point.• Identification of Conjugate Principal Point.• Identification of Flight Line on Aerial Photographs.• Determination of Scale of Aerial Photographs.
May 2021	<ul style="list-style-type: none">• Interpretation of Single Vertical Photographs.• Use of Stereoscope and Identification of Features.• Identification of Features on IRSID, LISS III Imagery.
June 2021	<ul style="list-style-type: none">• Field Survey Report.
July 2021	<ul style="list-style-type: none">• Report and Practical Writing.• Revision of Syllabus.

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