

Lesson Plan ^{Session - 2021-22} of Statistical Methods in Geography

M.A. Ist Sem.

16GE021C4

Deepak Malik

12 Nov - 20 Nov 2021

Statistics, Significance of Statistics in Geographical Studies

22 Nov - 27 Nov 2021

Primary & Secondary Data

29 Nov - 4 Dec, 2021

Levels of Data Measurement, Mean.

6 Dec, - 11 Dec, 2021

Median & Mode & their geographical Significance.

13 Dec - 18 Dec, 2021

Centographic Techniques & Revision of Ist Unit

20 Dec, - 24 Dec, 2021

Mean Deviation & Standard Deviation

27 Dec, - 1 Jan, 2022

Coefficient of Variation & Revision of Mean & Median

3 Jan - 8 Jan, 2022

Lorenz Curve & Gini's Coefficient

10 Jan, - 15 Jan, 2022

Seminar.

17 Jan - 22 Jan, 2022

Location Quotient

24 Jan - 29 Jan, 2022

Scatter Diagram, Rank Correlation & Kendall's Rank

1 Feb - 5 Feb, 2022. - Revision of Unit III
7 Feb - 12 Feb, 2022. - Regression Analysis

14 Feb - 19 Feb, 2022 : Revision of Correlation Method
Computation of residuals +
mapping.

21 Feb - 28 Feb, 22. Revision of Syllabus

Dr. Arun Dr. Arun

LESSON PLAN OF M.A. Previous,
Paper - (Topographical sheets and
Analysis)

HEMLATA

to

12 Nov - 20 Nov 2021 - Scales Introduction

22 Nov - 27 Nov 2021 - Plain scale & Comparative scale

29 Nov - 4 Dec 2021 - Pace scale

6 Dec - 11 Dec 2021 - Time scale

13 Dec - 18 Dec 2021 - Revolutian scale

20 Dec - 25 Dec 2021 - Diagonal scale

27 Dec - 1 Jan 2022 - Conventional sign - Physical

3 Jan - 8 Jan 2022 - Topographical maps Intro & Numbering

10 Jan - 15 Jan 2022 - Degree sheet

17 Jan - 22 Jan 2022 - Half degree sheet

24 Jan - 29 Jan 2022 - Quarter degree sheet and New series sheet

1 Feb - 5 Feb 2022 - Identification of Physical features.

7 Feb - 12 Feb 2022 - Identification of cultural features.

14 Feb - 19 Feb 2022 - Practice work

H.H.

Computer Aided Statistical Diagrams
and Graphs

19th Nov. — 20 November 2021

Introduction to Computer: Components of Computer
Hardware and Software

22 Nov. — 27 Nov. 2021

Use of Computers in Geography

29 Nov. — 4 December

Introduction to Microsoft Excel: Input of data, Bar
diagrams, Pie diagrams, Scatter Diagram

6th Dec. — 11 December 2021

Line Graph, Placement of heading and
sub-heading, legend, Font size, style

3 January — 22 January

Bold, Italics, change from colour
to different shade patterns

24 January to 19th Feb 2022

Different weight, colour, patterns to
X and Y coordinates, Page layout,
Ascending and Descending order

Geography of India (Theory) 1. HEMLATA4 Oct - 9 Oct → The Locational setting 2. Sushila11 Oct - 16 Oct → Relief 3. M. Kulkarni18 Oct - 23 Oct → Drainage25 Oct - 30 Oct → climate (Assignment-1)4 Nov to 7 Nov - Deepawali break8 Nov - 13 Nov - Soils15 Nov - 20 Nov - Natural vegetation22 Nov - 27 Nov - Natural Hazards and Disasters29 Nov - 4 Dec - Population6 Dec - 11 Dec - Migration trends [Assignment-2]13 Dec - 18 Dec - Settlements & Major Crops.20 Dec - 24 Dec - Land Resources & Transport & Communications.3 Jan - 8 Jan - Migration & Industries10 Jan - 15 Jan - Regional variations in cropping pattern17 Jan - 22 Jan - Green Revolution & Problems of Indian Agriculture.24 Jan - 29 Jan - Mineral and Power Resources, Transport and communication1 Feb - 5 Feb - International Trade7 Feb - 12 Feb - Revision.

1. Hemlata
2. Sushila
3. Kulkarni

Lesson Plan

B.A Ist Practical groups

4th Oct. to 16th Oct.

Introduction to Cartography

18 to 30 October

Map and their types

8 Nov. to 27 November

Map Scale

29 Nov to 11 December

Method of Expressing Scale
conversion of statement of scale into R.F.

13 Dec to 24 Dec.

Plain Scale
(km. and Miles)

27 Dec. to 15 January

Comparative scale, GRAPHIC SCALE, DIAGONAL SCALE
Revolutions Scale

15 Jan. to 19th February

Measurement of Distances and Areas on Maps
Enlargement and Reduction of Maps

Jushils

Assist. Professor of Geography

Sh. Kuldeep Singh Kshirsagar

Dr. Parveen Khatri

Economic Geography Practical

<u>8 Nov - 13 Nov 2021</u>	Principals of map design and layout
<u>15 Nov - 20 Nov 2021</u>	Symbolization - point, line and area symbol
<u>22 Nov - 27 Nov 2021</u>	Lettering and toponomy
<u>29 Nov - 4 Nov 2022</u>	mechanism of map construction
<u>6 Dec - 11 Dec 2021</u>	Qualitative distribution map - choroschematic maps
<u>13 Dec - 18 Dec 2021</u>	Qualitative distribution map - chorochromatic map
<u>20 Dec - 24 Dec 2021</u>	Quantitative distribution maps
<u>27 Dec - 1 Jan 2022</u>	Isopleths maps
<u>3 Jan - 8 Jan 2022</u>	Choropleth maps
<u>10 Jan - 15 Jan 2022</u>	Dot maps
<u>17 Jan - 22 Jan 2022</u>	Diagrammatic maps
<u>24 Jan - 29 Jan 2022</u>	Prismatic compass survey
<u>1 Feb - 5 Feb 2022</u>	Prismatic compass survey
<u>7 Feb - 12 Feb 2022</u>	Revision

Mrs. Deepak Malik

Mrs. Jyoti

Mrs. Anji

Mrs. Bindu (w.r.p. 1 Jan 2022) Bsm

Mrs. Priyanka

Transport Geography

2020-21

MA. 3rd Sem

Dr. Parveen Khatri

1 $\frac{10}{21}$ to 2 $\frac{10}{21}$

Introduction

4 $\frac{10}{21}$ to 9 $\frac{10}{21}$

Nature and scope of Transport Geography.
Geographic relevance of transportation

11 $\frac{10}{21}$ to 16 $\frac{10}{21}$

Transport and development
Conceptual Framework
Theoretical Framework

18 $\frac{10}{21}$ - 23 $\frac{10}{21}$

Models of Global relevance

The Vance model, The Limmer model, TMG Model

25 $\frac{10}{21}$ - 30 $\frac{10}{21}$

The modes of Transport, its introduction
Modal Characteristics, Roads, Railways

8 $\frac{11}{21}$ - 13 $\frac{11}{21}$

Pipe lines, Ropeways and cable ways,
waterways and Airways

15 $\frac{11}{21}$ - 20 $\frac{11}{21}$

Structural Analysis of transport Networks
Networks, Graphs and Types,

22 $\frac{11}{21}$ - 27 $\frac{11}{21}$

Measures of individual elements of
Transport Networks, Mileage Modality
Matrix, ^{weighted} Modality Matrix, Weighted
Matrix, Cross Accessibility Matrix

29 $\frac{11}{21}$ - 4 $\frac{12}{21}$

Measures of Route density,
Measures of Route Sinuosity.

6 $\frac{12}{21}$ - 11 $\frac{12}{21}$

Connectivity of Networks
(Cyclic numbers, Diameter)

$13\frac{12}{21} - 18\frac{12}{21}$

Transport Policy, Development and Planning,

Transport development in India, Railways

Distribution Patterns of Railways in India

$20\frac{12}{21} - 24\frac{12}{21}$

Problems and issues in Railways Development

$27\frac{12}{21} - 1\frac{1}{22}$

Road Transport, Growth and development of

Roads, Importance and Problems of Road

$5\frac{1}{22} - 8\frac{1}{22}$

Transport in India, Road Transport

and Regional development in India -

$10\frac{1}{22} - 15\frac{1}{22}$

- Revision of 1st unit

$24\frac{1}{22} - 29\frac{1}{22}$

- Revision of 2nd unit

$1\frac{2}{22} - 5\frac{2}{22}$

- Revision of 3rd unit

$7\frac{2}{22} - 12\frac{2}{22}$

- Revision of 4th unit

$14\frac{2}{22} - 19\frac{2}{22}$

- Tests

$21\frac{2}{22} - 25\frac{2}{22}$

- tests

Screen

(ARUN KHATRI)

Screen

Lesson Plan of B.A. 5th Sem

Session 2021-22

Economic Geography

- 4 Oct - 9 Oct 2021 - Nature & scope of Economic Geog
- 11 Oct - 16 Oct 2021 - Relationship of economic geography with other branches of social sciences
- 18 Oct - 23 Oct - Classification of Economic activities
- 25 Oct - 30 Oct - Impact of Economic activities on environment
- 8 Nov - 13 Nov - World Natural Resources - Types & bases
- 15 Nov - 20 Nov - Classification of Natural resources
- 22 Nov - 27 Nov - conservation & utilization of natural resources
- 29 Nov - 4 Dec - spatial distribution of rice, wheat crop
- 6 Dec - 11 Dec - Cotton and sugarcane crop
- 13 Dec - 18 Dec - Plantation crops (Tea, rubber and coffee)
- 20 Dec - 24 Dec - Classification of mineral resources - Ferrous & Non-ferrous
- 27 Dec - 1 Jan 2022 - Distribution of coal, iron ore, Petroleum & Natural gas
- 3 Jan - 8 Jan 2022 - Classification of industries - Iron & steel industry, textile industry
- 10 Jan - 15 Jan 2022 - major industrial complexes of world
- 17 Jan - 22 Jan 2022 - Transport, Communication & Trade, geographical factors in their development
- 24 Jan - 29 Jan 2022 - major modes of water, land, air transport
- 1 Feb - 5 Feb 2022 - Recent trends in International trade
- 7 Feb - 12 Feb 2022 - Revision

Mrs. Jyoti, Mrs. Anju, Mrs. Priyanka, Mrs. Amita

Mrs. Bindu w.e.f. 1 Jan 2022

Anju
P.O.

DR. Lesson Plan of B.A 3rd semester.
Dr. Kuldeep Singh (Lecturer) (PHYSICAL GEOGRAPHY II)
2. Perveen Khatun.

~~Dr. Kuldeep Singh~~

- 04 Oct to 09 Oct → Weather and Climate
11 Oct to 16 Oct → Composition and Structure of the atmosphere.
18 Oct to 23 Oct → Insolation and Temperature.
25 Oct to 30 Oct → Introduction, effect and importance, vertical distribution, horizontal distribution of atmosphere.
(1 Nov to 7 Nov) → Deepawali Break.
8 Nov to 13 Nov → Winds, Types of winds - shifting of wind Belts
15 Nov to 20 Nov → water vapours meaning and importance, ways to express Humidity, evaporation,
22 Nov to 27 Nov → Condensation, Temperature change, Different forms of condensation. Precipitation. Hydrological cycle.
29 Nov to 4 Dec → Air masses and cyclones.
6 Dec to 11 Dec → climate classifications.
13 Dec to 18 Dec → climate change and global warming.
20 Dec to 24 Dec → floor of the ocean, classification of ocean floors.
3 Jan to 8 Jan → Oceans, Indian ocean, Pacific ocean and Atlantic ocean.
10 Jan to 15 Jan → Temp. and salinity of ocean water
17 Jan to 22 Jan → Circulation of ocean water.
24 Jan to 29 Jan → Oceans Gateway + Resources oceans and minerals
1 Feb to 5 Feb → oceans and Drinking water, oceans and climate
7 Feb to 12 Feb → Revision.

M.A. 3rd Sem Biogeography (17GEO23D1)

Lesson Plan (2020-22) Mrs. Tyeti
Dr. Birde (w.e.s. 1.1.2022)

- 4 Oct - 9 Oct - The development of Biogeography and its fields.
- 11 Oct - 16 Oct - Functions of Biogeography.
- 18 Oct - 23 Oct - Definition, nature and scope of Biogeography.
- 25 Oct - 30 Oct - Composition of Biogeography
- 8 Nov - 13 Nov - Biochemical cycle i.e. the hydrological cycle
- 15 Nov - 20 Nov - The Carbon cycle
- 22 Nov - 27 Nov - The oxygen cycle and class test
- 29 Nov - 4 Dec - The Nitrogen cycle and assignment
- 6 Dec - 11 Dec - The Phosphorus cycle and seminar
- 13 Dec - 18 Dec - The sediment cycle and revision of other cycles.
- 20 Dec - 24 Dec - Meaning and types of Ecosystem
- 27 Dec - 1 Jan (2022) - Components and functioning of ecosystem
- 3 Jan - 8 Jan - Evolution of living organism.
- 10 Jan - 15 Jan - Factors influencing their distribution on the earth
- 17 Jan - 22 Jan - Meaning and types of Biomes, class test
- 24 Jan - 29 Jan - Bio-geographical realms, introduction meaning and definition
- 1 Feb - 5 Feb - Zoogeography realms, assignment
- 7 Feb - 12 Feb - Zoogeographical realms.
- 14 Feb - 17 Feb - Revision and seminar.

Dr. Birde

Dr. Anju Bala

12 Nov - 20 Nov 2021 - Nature & scope of Geography of Resource

22 Nov - 27 Nov - Significance of Geography of Resource

29 Nov - 4 Dec - Definition & concept of Resources

6 Dec - 11 Dec - Classification of Resources

13 Dec - 18 Dec - models of Natural Resource Process - Zimmerman's Primitive and Advanced model

20 Dec - 24 Dec - Kirby's Decision model and Brookfield System model

27 Dec 2021 - 1 Jan 2022 : Use and misuse of soil and water Resources

3 Jan - 8 Jan 2022 Revision of Soil & water Resources

10 Jan - 15 Jan - Use and misuse of mineral Resources

17 Jan - 22 Jan - Future prospects of Natural Resources

24 Jan - 29 Jan - Conservation and management of Natural Resources

1 Feb - 5 Feb - Resource conservation and management of Soil Resources

7 Feb - 12 Feb - Conservation and management of Water & Forest resources

14 Feb - 19 Feb - Problems of Natural Resource management in India

21 Feb - 28 Feb - Revision

Am