



## SMRJ Government College, Siwani (Bhiwani)



(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*

**Teacher:** Mr. Rahul

**Class:** B. A

**Semester:** 2<sup>nd</sup>

**Maximum Marks:** 30

**End Term Exam Marks:** 20

**Course Type & Title:** CC-2, Human Geography (Practical)

**Course Code:** 24UN-GEO- 201

**Credits:** 1

**Internal Assessment Marks:** 10

#### **Course Outcomes:**

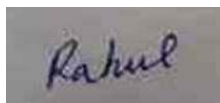
After completing this course, the learner will be able to:

- enhance the knowledge of race and religion.
- understand the methods of representing population distribution and density.
- familiarize with methods of Plotting of isotims and isodapane.
- gain knowledge of mapping socio – economic and demographic data

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	27 Jan. to 01 Feb.	Familiar with Syllabus	
2	03 Feb. to 08 Feb.	Understanding of major religions of the world	
3	10 Feb. to 15 Feb.	Composition of major religions of the world (1 exercise).	
4	17 Feb. to 22 Feb.	Discuss Methods of representing population distribution and density.	
5	24 Feb. to 01 March	Population distribution (1 exercise).	
6	03 March to 08 March	Population density (1 exercise).	
7	17 March to 22 March	Flow diagram of migration streams of world population (1 exercise).	
8	24 March to 29 March	Plotting of isotims and isodapane (1 exercise).	
9	31 March to 05 April	Plotting of isotims and isodapane (1 exercise).	
10	07 April to 12 April	Spatial growth of world population (1 exercise).	
11	14 April to 19 April	Temporal growth of world population (1 exercise).	
12	21 April to 26 April	Preparation of Viva-voice	Check Lab Record
13	28 April to 30 April	Preparation of Viva-voice	

**Recommended Books/ E resources/ LMS:**

- Agarwal, A et al (1999) The Citizen's Fifth Citizen's Report, Centre for Science & Environment, New Delhi.
- Alexander, John. W. (1988) Economic Geography, Prentice Hall of India Ltd., New Delhi.
- Bergwan, Edward E. (1985) Human Geography: Culture Connections and Landscape, Prentice-Hall, New Jersey.
- Carr, M. Patterns (1987) Process and Change in Human Geography, McMillan Education, London.
- Carter, H. (1972) The study of Urban Geography, Edward Arnold, London.
- Chandna, R.C. (2016) A Geography of Population: Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
- DeBlij, H. J. (1996) Human Geography, Culture, Society and Space, John Wiley, New York.
- Fellman, J.L. (1997) Human Geography-Landscapes of Human Activities, Brown and Benchman Pub., USA.
- Hassan, I. ( ) Population Geography: A Systematic Exposition, Routledge, London.
- Hussain, M. (2018) Human Geography, Rawat, Publication, Jaipur.
- McBride, P.J. (1996): Human Geography; Systems Patterns and Change, Nelson, UK and Canada.



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*

**Teacher:** Mr. Rahul  
**Class:** B. A 1<sup>st</sup> Year  
**Semester:** IInd  
**Maximum Marks:** 50  
**End Term Exam Marks:** 35

**Course Type & Title:** CC-M 2, General Geography of India  
**Course Code:** 24UN-GEO-203  
**Credits:** 2  
**Internal Assessment Marks:** 15

#### **Course Outcomes:**

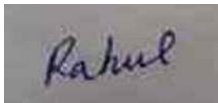
After completing this course, the learner will be able to:

1. understand the location, geographical expansion, and physiography.
2. have acquaintance with the drainage and climate.
3. enrich knowledge about peopling of the nation.
4. internalize the concept of unity in diversity of our nation.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/Remarks, if any
1	27 Jan. to 01 Feb.	Familiar with Syllabus	
4	03 Feb. to 08 Feb.	India: Locational setting and geographical expansion	
5	10 Feb. to 15 Feb.	Physiographic divisions of India.	
6	17 Feb. to 22 Feb.	Drainage system.	
7	24 Feb. to 01 March	Climate	
8	03 March to 08 March	Soil.	<i>Assignment</i>
9	17 March to 22 March	Natural vegetation	
10	24 March to 29 March	The Peopling of India	
11	31 March to 05 April	Population distribution, density and growth.	
12	07 April to 12 April	Population density and growth.	<b>Test</b>
13	14 April to 19 April	Population composition: ethnic	
14	21 April to 26 April	Population composition: socio-cultural attributes (castes and tribes).	
15	28 April to 30 April	Unity in diversity in India.	

**Recommended Books/ E resources/ LMS:**

- Bose, A. et. al. eds (2001) Population in India's Development, 1947-2000, Vikas, New Delhi.
- Deshpande C. D. (1992) India: A Regional Interpretation, ICSSR, New Delhi.
- Johnson, B. L. C., ed. (2001) Geographical Dictionary of India. Vision Books, New Delhi.
- Mandal R. B. (ed.) (1990) Patterns of Regional Geography – An International Perspective. Vol. 3 – Indian Perspective.
- Sdyasuk Galina and P Sengupta (1967) Economic Regionalisation of India, Census of India
- Sharma, T. C. (2003) India - Economic and Commercial Geography. Vikas Publ., New Delhi.
- Singh R. L. (1971) India: A Regional Geography, National Geographical Society of India.
- Singh, Jagdish (2003) India - A Comprehensive & Systematic Geography, Gyanodaya Prakashan, Gorakhpur.
- Spate O. H. K. and Learmonth A. T. A. (1967) India and Pakistan: A General and Regional Geography, Methuen



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

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Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*



**Teacher:** Mr. Rahul  
**Class:** MSc. Final  
**Semester:** 4<sup>th</sup>  
**Maximum Marks:** 100  
**End Term Exam Marks:** 80

**Course Type & Title:** Geography of Haryana  
**Course Code:** 19 GEO 402  
**Credits:** 4  
**Internal Assessment Marks:** 20

#### Course Outcomes:

**At the end of the course students will be able to:**

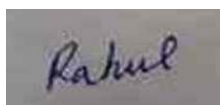
- Introduce the students with the glorious past of the state of Haryana,
- Develop understanding about Physiography, Climate, People, Society, resource base and Economic structure.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Haryana: Physiography: Relief characteristics and physiographical divisions,	
3	13 Jan. to 18 Jan.	Drainage systems and their significance, Chronology and Palaeo Channel of Sarasvati River and its association with Vedic Civilisation	
4	20 Jan. to 25 Jan.	Climatic regions of state, Soil and vegetation, forest regions , characteristics and conservation.	
5	27 Jan. to 01 Feb.	History of the State, Vedic Civilisation, Geography of Vedas & Puranas Growth of Population,	
6	03 Feb. to 08 Feb.	distribution of Demographic attributes: sex-ratio, literacy rate and work force participation.	
7	10 Feb. to 15 Feb.	Population problems and policies, Human Resources: Potential and Prospects	
8	17 Feb. to 22 Feb.	Contemporary issues related to gender Ratio and women empowerment.	
9	24 Feb. to 01 March	Agriculture: Agro-climatic Region, Traditional agriculture system, Cropping Pattern,	Assignment

10	03 March to 08 March	Green Revolution and Agricultural development in Haryana and problems related to agriculture	
11	17 March to 22 March	Irrigation: Types of irrigation, Major irrigation projects: Bhakra Nangal, Agriculture Potential and Management,	
12	24 March to 29 March	Prospects and Potential of Agro-processing Industries,	<b>Test</b>
13	31 March to 05 April	Storage and Marketing of Agriculture Products, Contemporary issues related to agriculture and farmer sustainability.	
14	07 April to 12 April	Trend and Pattern of Urbanisation, Contemporary Issues and Challenges in Urban Areas,	
15	14 April to 19 April	Distribution of Natural and Human Resources	
16	21 April to 26 April	Transport System and Growth, Manufacturing and Service hubs,	
17	28 April to 30 April	knowledge economy Any Case Study of Automobile and Information and Technology Hub	

#### **Recommended Books/ E resources/ LMS:**

1. Buddha Prakash.,(1962). "Haryana through the Ages", Kurukshetra University, Kurukshetra.
2. Das Gupta, K.K. "Tribal History of Ancient India".
3. Goyal J.B.,(1966) etd. "Haryana- Puratattna, Itihas, Sanskriti, Sahitya evom Lokwarta , Delhi.
4. Phadke. H.A.(1990) " Haryana: Ancient and Medieval, Harman Publication House, New Delhi.
5. Phogat, S.R.(1978) "Inscriptions of Haryana, Kurukshetra University Kurukshetra".
6. Singh, Fauja (ed.) (1997-2000) "History of the Punjab, Vol. I-III, Publication Bureau, Punjab University, Patiala.
7. Yadav.K.C.(1994) (2nd Ed.) "Modern Haryana: History & Culture, Part 1&2 Manohar Publisher, New Delhi.
8. Valdiya. K.S. (2002) "Sarasvati the River that Disappeared" Universities Press (India) Limited, Hyderabad.
9. Kumar. Vinay "An Archaeological History of Haryana. Kaveri Books.
10. District Census Handbook of Haryana (2011).
11. Haryana Sarasvati Heritage Development Board (<http://merisarasvati.com>) ([www.hshdb.in](http://www.hshdb.in))
12. Economic &Statistical Handbook of Govt. of Haryana (<http://esaharyana.gov.in>)
13. Ali. S.M. (1983) (3rd Ed.) Geography of the Puranas, People's publishing house pvt. Ltd. New Delhi.



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

(Affiliated to Chaudhary Bansi Lal University, Bhiwani)

Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*



**Teacher:** Mr. Rahul  
**Class:** B.A 2<sup>nd</sup> Hons.  
**Semester:** 4<sup>th</sup>  
**Maximum Marks:** 100  
**End Term Exam Marks:** 80

**Course Type & Title:** Geography of Haryana  
**Course Code:** 21UGEOH-402  
**Credits:** 4  
**Internal Assessment Marks:** 20

#### Course Outcomes:

**At the end of the course students will be able to:**

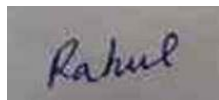
- Introduce the students with the glorious past of the state of Haryana,
- Develop understanding about Physiography, Climate, People, Society, resource base and Economic structure.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Haryana: Geology and Structure,	
3	13 Jan. to 18 Jan.	Physiography & Relief Characteristics; Physiographical Divisions	
4	20 Jan. to 25 Jan.	Drainage Systems,	
5	27 Jan. to 01 Feb.	Climatic Profile & Regions,	
6	03 Feb. to 08 Feb.	Soil,	
7	10 Feb. to 15 Feb.	Vegetation and Forest.	
8	17 Feb. to 22 Feb.	History of the State, Growth of Population,	
9	24 Feb. to 01 March	Distribution of Demographic Attributes: Sex-ratio,	Assignment
10	03 March to 08 March	Literacy Rate and Work Force Participation.	
11	17 March to 22 March	Contemporary Issues Related to Gender Ratio and Women Empowerment.	
12	24 March to 29 March	Agro-climatic Region, Cropping Pattern, Green Revolution	Test
13	31 March to 05 April	Agricultural Development in Haryana and Contemporary Problems Related to Agriculture	
14	07 April to 12 April	Irrigation: Types of Irrigation, Major Irrigation Projects: Bhakra Nangal	

15	14 April to 19 April	Trend and Pattern of Urbanisation, Contemporary Issues and Challenges in Urban Areas,	
16	21 April to 26 April	Transport System and Growth,	
17	28 April to 30 April	Manufacturing and Service hubs.	

**Recommended Books/ E resources/ LMS:**

1. Buddha Prakash.,(1962). "Haryana through the Ages", Kurukshetra University, Kurukshetra.
2. Das Gupta, K.K. "Tribal History of Ancient India".
3. Goyal J.B.,(1966) etd. "Haryana- Puratattna, Itihas, Sanskriti, Sahitya evom Lokwarta , Delhi.
4. Phadke. H.A.(1990) " Haryana: Ancient and Medieval, Harman Publication House, New Delhi.
5. Phogat, S.R.(1978) "Inscriptions of Haryana, Kurukshetra University Kurukshetra".
6. Singh, Fauja (ed.) (1997-2000) "History of the Punjab, Vol. I-III, Publication Bureau, Punjab University, Patiala.
7. Yadav.K.C.(1994) (2nd Ed.) "Modern Haryana: History & Culture, Part 1&2 Manohar Publisher, New Delhi.
8. Valdiya. K.S. (2002) "Sarasvati the River that Disappeared" Universities Press (India) Limited, Hyderabad.
9. Kumar. Vinay "An Archaeological History of Haryana. Kaveri Books.
10. District Census Handbook of Haryana (2011).
11. Haryana Sarasvati Heritage Development Board (<http://merisarasvati.com>) ([www.hshdb.in](http://www.hshdb.in))
12. Economic &Statistical Handbook of Govt. of Haryana (<http://esaharyana.gov.in>)
13. Ali. S.M. (1983) (3rd Ed.) Geography of the Puranas, People's publishing house pvt. Ltd. New Delhi.



**Signature of the teacher concerned**

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Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*

**Teacher:** Mr. Rahul  
**Class:** MSc. Previous  
**Semester:** 2<sup>nd</sup>  
**Maximum Marks:** 100  
**End Term Exam Marks:** 80

**Course Type & Title:** Field Work Socio Economic (Practical)  
**Course Code:** 19 GEO 207  
**Credits:** 4  
**Internal Assessment Marks:** 20

#### Course Outcomes:

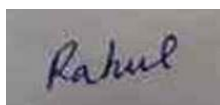
**At the end of the course students will be able to:**

- to provide the students with the understanding of ground reality of a chosen village/town by observation;
- mapping of land quality, land use and cropping pattern and
- Develop skills of conducting Socio-economic survey of the households with the help of a specially prepared questionnaire.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Develop basic understanding about field Survey	
3	13 Jan. to 18 Jan.	Importance of Field Survey in Geography	
4	20 Jan. to 25 Jan.	Socio-Economic Data: Types,	
5	27 Jan. to 01 Feb.	Sources and Methods of Collection	
6	03 Feb. to 08 Feb.	Preparation of Questionnaire/Schedule	
7	10 Feb. to 15 Feb.	Preparation of Questionnaire/Schedule	
8	17 Feb. to 22 Feb.	Conduct Survey at Surveyed Village	
9	24 Feb. to 01 March	Data Coding and Entry	
10	03 March to 08 March	Data Coding and Entry	
11	17 March to 22 March	Preparation of Socio-Economic Report	
12	24 March to 29 March		
13	31 March to 05 April		
14	07 April to 12 April		
15	14 April to 19 April		
16	21 April to 26 April	Preparation for Viva-Voice	Report Check
17	28 April to 30 April	Preparation for Viva-Voice	

**Recommended Books/ E resources/ LMS:**

1. Ahuja, R. (2003) Social Survey and Research (Hindi version). Rawat Publications, Jaipur.
2. Basotia, G. R. and Sharma, K. K. (2002) Research Methodology. Mangal Deep Publications, Jaipur.
3. Creswell, J. (1994) Research Design: Qualitative and Quantitative Approaches. Sage Publications.
4. Dikshit, R. D. (2003) The Art and Science of Geography: Integrated Readings. Prentice- Hall of India, New Delhi.
5. Evans, M. (1988) Participant Observation: The Researcher as Research Tool, in Qualitative Methods in Human Geography. eds. J. Eyles and D. Smith, Polity.
6. Gideon, S. and Roger, N. (1992) A Methodology for Social Research. Rawat Publications, Jaipur.
7. Mukherjee, N. (1993) Participatory Rural Appraisal: Methodology and Application. Concept Publs. Co., New Delhi.
8. Mukherjee, N. (2002) Participatory Learning and Action: with 100 Field Methods. Concept Publs. Co., New Delhi.
9. Robinson, A. (1998) Thinking Straight and Writing That Way, in Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioural Sciences, eds. by F. Pryczak and R. Bruce Pryczak. Publishing: Los Angeles.
10. Stoddard, R. H. (1982) Field Techniques and Research Methods in Geography. Kendall/Hunt.
11. Wolcott, H. (1995) The Art of Fieldwork. Alta Mira Press, Walnut Creek, CA.



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

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Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*

**Teacher:** Mr. Rahul & Satpal Kumar

**Class:** MSc. Previous

**Semester:** 2<sup>nd</sup>

**Maximum Marks:** 100

**End Term Exam Marks:** 80

**Course Type & Title:** Physical & Socio-Economic Landscapes (T)

**Course Code:** 19 GEO 205

**Credits:** 4

**Internal Assessment Marks:** 20

#### **Course Outcomes:**

**At the end of the course students will be able:**

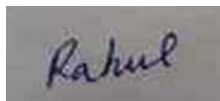
- to provide theoretical background for conducting field Survey,
- Develop skills preparation & conduct field work
- to understand Physical & socio-economic landforms.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Earth surface processes and associated landforms. Geomorphic structure, processes and landscape evolutions, dynamic equilibrium	
3	13 Jan. to 18 Jan.	topographic response to tectonic activities and climatic forcing, morphogenetic region	
4	20 Jan. to 25 Jan.	Topographical and Terrain analysis with field mapping, analysis of remotely sensed data and numerical models	
5	27 Jan. to 01 Feb.	Landscape Analysis with Maps & Aerial Photos, Geomorphological mapping, Field mapping	
6	03 Feb. to 08 Feb.	Field surveying techniques. Identification of facies and genes of landforms, Stratigraphy.	
7	10 Feb. to 15 Feb.	Sediment texture, structure, Particle morphology, Fabric analysis: General considerations	
8	17 Feb. to 22 Feb.	Clast macrofabrics and microstructural description, Clast mesofabrics and Laboratory analysis.	
9	24 Feb. to 01 March	Significance of Field work in Geography; Identification of Research Problem and Formulation of Research Design in geography	Assignment

10	03 March to 08 March	Types and Sources of Data: Characteristics of primary and secondary data	
11	17 March to 22 March	Types of Questionnaires and their formulation. Selection of sample household;	
12	24 March to 29 March	Preparation of field Questionnaire,	<b>Test</b>
13	31 March to 05 April	Field sample survey design & preparation of Locational maps	
14	07 April to 12 April	Collection of demographic and socio-economic data from the field;	
15	14 April to 19 April	Retrieval and analysis of data collected from field;	
16	21 April to 26 April	Format of field project report writing; Data entry: coding and Tabulation,	
17	28 April to 30 April	Planned report writing and Ethics of report writing.	

**Recommended Books/ E resources/ LMS:**

1. Ahuja, R. (2003) Social Survey and Research (Hindi version). Rawat Publications, Jaipur.
2. Basotia, G. R. and Sharma, K. K. (2002) Research Methodology. Mangal Deep Publications, Jaipur.
3. Creswell, J. (1994) Research Design: Qualitative and Quantitative Approaches. Sage Publications.
4. Dikshit, R. D. (2003) The Art and Science of Geography: Integrated Readings. Prentice- Hall of India, New Delhi.
5. Evans, M. (1988) Participant Observation: The Researcher as Research Tool, in Qualitative Methods in Human Geography. eds. J. Eyles and D. Smith, Polity.
6. Gideon, S. and Roger, N. (1992) A Methodology for Social Research. Rawat Publications, Jaipur.
7. Mukherjee, N. (1993) Participatory Rural Appraisal: Methodology and Application. Concept Pubs. Co., New Delhi.
8. Mukherjee, N. (2002) Participatory Learning and Action: with 100 Field Methods. Concept Pubs. Co., New Delhi.
9. Robinson, A. (1998) Thinking Straight and Writing That Way, in Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioural Sciences, eds. by F. Pryczak and R. Bruce Pryczak. Publishing: Los Angeles.
10. Stoddard, R. H. (1982) Field Techniques and Research Methods in Geography. Kendall/Hunt.
11. Wolcott, H. (1995) The Art of Fieldwork. Alta Mira Press, Walnut Creek, CA.



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

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**Session: 2024-25**

### **Lesson Plan**

**(Department of Geography)**

**Teacher:** Mr. Rahul  
**Class:** B.A Final (Hons.)  
**Semester:** 6th  
**Maximum Marks:** 100  
**End Term Exam Marks:** 80

**Course Type & Title:** Statistical Methods in Geography  
**Course Code:** 21UGEOH602  
**Credits:** 4  
**Internal Assessment Marks:** 20

#### **Course Outcomes:**

**At the end of the course students will be able:**

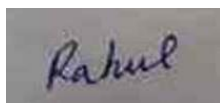
- to familiarize with the understanding of different statistical methods and their use in Geography.
- to learn different quantitative techniques which will help them in future research in the field of geography especially in field survey.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Statistics and Statistical Data: Spatial and Non-Data, Discrete and Continuous Data,	
3	13 Jan. to 18 Jan.	Application of Statistics in Geographical Studies;	
4	20 Jan. to 25 Jan.	Scales of Measurement (Nominal, Ordinal, Interval and Ratio),	
5	27 Jan. to 01 Feb.	Statistical Data: Classification and Tabulation & Representation (Line, Bar, Histogram Ogives etc.)	
6	03 Feb. to 08 Feb.	Statistical Data: Representation (Line, Bar, Histogram Ogives etc.)	
7	10 Feb. to 15 Feb.	Central Tendency: Mean, Median,	
8	17 Feb. to 22 Feb.	Mode and Partition Values, Quartile and Percentile	
9	24 Feb. to 01 March	Measures of Dispersion Range, Mean Deviation,	Assignment
10	03 March to 08 March	Standard Deviation, Coefficient of Variation,	
11	17 March to 22 March	Correlation (Karl Pearson and Spearman)	
12	24 March to 29 March	Correlation (Spearman)	
13	31 March to 05 April	Significance Testing of Correlation and Co-efficient of Determination	
14	07 April to 12 April	Association and Correlation: Rank Correlation, Product Moment Correlation	

15	14 April to 19 April	Introduction to Regression Analysis, Interpretation of the Equation and Residual Analyses	Test
16	21 April to 26 April	Sampling Methods and Techniques (Purposive, Random, Systematic and Stratified, Sampling for Spatial and Non-Spatial Data)	
17	28 April to 30 April	Time Series Analysis, Methods and Techniques for Normalization of Scale	

**Recommended Books/ E resources/ LMS:**

1. Bhagwathi, V. and Pillai, R.S.N. (2003). Practical Statistics. New Delhi: Sultan Chand and Company.
2. Ebdon, D. (1983). Statistics in Geography: A Practical Approach. London: Blackwell.
3. Gregory, S. (1978). Statistical Methods and the Geographer. London: Longman.
4. Gupta, S.P. (1998). Advanced Practical Statistics. New Delhi: Sultan Chand and Company.
5. Hammond, R. and McCullagh, P.S. (1974). Quantitative Techniques in Geography: An Introduction. Oxford: Clarendon Press.
6. John, P. Cole and Cuchlaine, King, A. M. (1968). Quantitative Geography. London: Wiley.
7. Johnston, R. J. (1973). Multivariate Statistical Analysis in Geography. London: Longman.
8. Mahmood, A. (1986). Statistical Methods in Geographical Studies. New Delhi: Rajesh Publications.
9. Pal, S.K. (1998). Statistics for Geoscientists: Techniques and Applications. New Delhi: Concept Publishing.
10. Sarkar, A. (2013). Quantitative Geography: Techniques and Presentations. Orient Black Swan Private Ltd., New Delhi.
11. Zamir, A. (2002). Statistical Geography: Methods and Applications. Jaipur: Rawat Publications.



**Signature of the teacher concerned**

**Head of the Department**



## SMRJ Government College, Siwani (Bhiwani)

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Session: 2024-25

### *Lesson Plan*

*(Department of Geography)*

**Teacher:** Mr. Rahul  
**Class:** B.A Final Year  
**Semester:** 2<sup>nd</sup>  
**Maximum Marks:** 25  
**End Term Exam Marks:** 25

**Course Type & Title:** Field Survey (Practical)  
**Course Code:**  
**Credits:** 2  
**Internal Assessment Marks:** Nil

#### Course Outcomes:

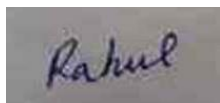
**At the end of the course students will be able to:**

- to provide the students with the understanding of ground reality of a chosen village/town by observation;
- mapping of land quality, land use and cropping pattern and
- Develop skills of conducting Socio-economic survey of the households with the help of a specially prepared questionnaire.

Sr. No.	Week/Month, 2025	Unit/ Topic/ Chapter to be covered	Assignment/Test/ Remarks, if any
1	01 Jan. to 04 Jan.	Familiar with Syllabus	
2	06 Jan. to 11 Jan.	Develop basic understanding about field Survey	
3	13 Jan. to 18 Jan.	Importance of Field Survey in Geography	
4	20 Jan. to 25 Jan.	Socio-Economic Data: Types,	
5	27 Jan. to 01 Feb.	Sources and Methods of Collection	
6	03 Feb. to 08 Feb.	Preparation of Questionnaire/Schedule	
7	10 Feb. to 15 Feb.	Preparation of Questionnaire/Schedule	
8	17 Feb. to 22 Feb.	Conduct Survey at Surveyed Village	
9	24 Feb. to 01 March	Data Coding and Entry	
10	03 March to 08 March	Data Coding and Entry	
11	17 March to 22 March	Preparation of Socio-Economic Report	
12	24 March to 29 March		
13	31 March to 05 April		
14	07 April to 12 April		
15	14 April to 19 April		
16	21 April to 26 April	Preparation for Viva-Voice	Report Check
17	28 April to 30 April	Preparation for Viva-Voice	

**Recommended Books/ E resources/ LMS:**

1. Ahuja, R. (2003) Social Survey and Research (Hindi version). Rawat Publications, Jaipur.
2. Basotia, G. R. and Sharma, K. K. (2002) Research Methodology. Mangal Deep Publications, Jaipur.
3. Creswell, J. (1994) Research Design: Qualitative and Quantitative Approaches. Sage Publications.
4. Dikshit, R. D. (2003) The Art and Science of Geography: Integrated Readings. Prentice- Hall of India, New Delhi.
5. Evans, M. (1988) Participant Observation: The Researcher as Research Tool, in Qualitative Methods in Human Geography. eds. J. Eyles and D. Smith, Polity.
6. Gideon, S. and Roger, N. (1992) A Methodology for Social Research. Rawat Publications, Jaipur.
7. Mukherjee, N. (1993) Participatory Rural Appraisal: Methodology and Application. Concept Publs. Co., New Delhi.
8. Mukherjee, N. (2002) Participatory Learning and Action: with 100 Field Methods. Concept Publs. Co., New Delhi.
9. Robinson, A. (1998) Thinking Straight and Writing That Way, in Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioural Sciences, eds. by F. Pryczak and R. Bruce Pryczak. Publishing: Los Angeles.
10. Stoddard, R. H. (1982) Field Techniques and Research Methods in Geography. Kendall/Hunt.
11. Wolcott, H. (1995) The Art of Fieldwork. Alta Mira Press, Walnut Creek, CA.



**Signature of the teacher concerned**

**Head of the Department**