

Rajarshi Shahu Mahavidyalaya, Latur **(Autonomous)**



Department of Geography
(UG, PG and Research Centre)

BoS in Geography

1.Dr.O.V.Shahapurkar	- Chairman
2.Dr.A.R.Pathare	- Academic Council Nominee
3.Mr.H.P.Patil	- Academic Council Nominee
4.Dr.N.T.Deshmukh	- Expert by VC
5.Mr.R.M.Chavan	- Industry Nominee
6.Dr.AM.Jethe	- PG Alumni's
7.Dr.P.D.Pohekar	- Other Members
8.Dr.S.J.Phule	- Faculty
9.Mr.D.B.Sonkamble	- Faculty
10.Mr.V.J.Dalvi	- Faculty
11.Mr.K.B.Shinde	- Faculty
12.Dr.S.G.Hadule	- Faculty

Department of Geography

B. A. Syllabus

CBCS Pattern

B. A. First Year

(Semester-I)

Rajarshi Sahu Mahavidyalaya, Latur
(Autonomous)

Syllabus

Geography

B. A. First year

(Semester Pattern)
(CBCS)

w.e.f. June, 2017

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B. A. I, II and III year

Semester Pattern

Curriculum in Geography

Class	Semester	Course Code	Course Title	Lectures	Marks	Credits
B.A. First Year	I	U-GEO-118	Introduction to Geography	50	50	02
		U-GEO-119	Introduction to Human Geography	50	50	02
		U-GEO-120	Practical Geography	45 (Pra.15)	50	02
	II	U-GEO-218	Principles of Geomorphology	50	50	02
		U-GEO-219	Population Geography	50	50	02
		U-GEO-220	Practical Geography	45 (Pra.15)	50	02
B.A. Second Year	III	U-GEO-318	Principles of Climatology	50	50	02
		U-GEO-319	Geography of Maharashtra: Part –I	50	50	02
		U-GEO-320	Practical Geography	45 (Pra.15)	50	02
	IV	U-GEO-418	Principles of Oceanography	50	50	02
		U-GEO-419	Geography of Maharashtra: Part-II	50	50	02
		U-GEO-420	Practical Geography	45 (Pra.15)	50	02
B.A. Third Year	V	U-GEO-518	Environmental Geography	50	50	02
		U-GEO-519	Geography of India: Part-I	50	50	02
		U-GEO-520	Practical Geography	90 (Pra.30)	50	02
	VI	U-GEO-618	Geography of Natural Resources	50	50	02
		U-GEO-619	Geography of India: Part-II	50	50	02
		U-GEO-620	Practical Geography	90 (Pra.30)	50	02

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B. A. First Year

Geography

(MCQ + Theory Pattern)

Semester - I

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-118	Introduction to Geography	04	50	20	30	50
U-GEO-119	Introduction to Human Geography	04	50	20	30	50
U-GEO-120	Practical Geography-I	03 (Pra.-01) Per Batch	45 (Pra. -15) Per Batch	20	30	50

Semester - II

Course Code	Course Title	Lect. Per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-218	Principles of Geomorphology	04	50	20	30	50
U-GEO-219	Population Geography	04	50	20	30	50
U-GEO-220	Practical Geography-II	03 (Pra.-01) Per Batch	45 (Pra. -15) Per Batch	20	30	50

Note:

- Internal marks will be divided as follows:
 - Two tests (Each test of 30 Marks) : 15 Marks
Marks of two tests will be converted into 15
 - Attendance : 05 Marks
- Strength of the Students for each practical batch shall not be more than twenty.
- Strength of the students for each practical batch for B.A.III year shall not be more than sixteen.
- Submission of certified journal is compulsory without which students shall not be allowed to appear for practical examination.

Objectives of the Curriculum:

The basic objectives of the various courses designed in the subject geography are as follows:

1. To create awareness among the students about the subject geography and train them in the subject.
2. To enable the students to face the competitive examinations like MPSC, UPSC etc.
3. To enable the students to face NET/SET examination.
4. To improve the quality of field works, excursions, village or part of city surveys because of which the students can become familiar with different regions.
5. To make a student dynamic by studying innovative concepts and multi-disciplinary approach of the provided curriculum.
6. To develop interest among the students about the geography in which they can make their career.

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-I)

Geography

(CBCS Pattern)

Course Title : Introduction To Geography

Course Code : U-GEO-118

Paper No.: I

Max. Marks : 50

Credits :02

Lectures:50

Learning Objectives:

- 1) To introduce the concepts of geography to the students of geography.
- 2) To introduce the concepts of universe and solar system.
- 3) To know the career opportunities in geography.

Course Outcomes:

- 1) The student understands the concept of Geography.
 - 2) The students know the universe & solar system, its structure, its function, relations among them, elements of solar system.
 - 3) The student knows the career opportunities in the geographical field such as land survey, private companies, etc.
-

Unit-I : Introduction

- i) Meaning, Nature and Scope of Geography
- ii) Main Branches of Geography-Physical and Human Geography
- iii) Importance of Geography

Unit-II : The Universe and Solar System

- i) The Universe
- ii) The Solar System
- iii) Lunar and Solar Eclipse

Unit-III : The Planet Earth

- i) Introduction

- ii) Rotation of the Earth and It's Effects
- iii) Revolution of the Earth and It's Effects

Unit-IV : Geographical Regions

- i) Mountains
- ii) Plateaus
- iii) Plains

Reference Books :

1. Dikshit, R.D. : Geographical Thought-A contextual History of Ideas, Prentice Hall of India Pvt. Ltd. 2000.
2. Husain, Majid : Evolution of Geographical Thought, Rawat Publications, Jaipur. 1984.
3. Dohrs, F.E. and Sommers, L.W. : Introduction to Geography, Thomas Y. Crowell Co., Chicago. 1959.
4. Harvey, David : Explanations in Geography, Edward-Arnold, London. 1972.
5. Monkhouse, F.J. : Principles of Physical Geography, Hodder and Stoughton, London.
6. Hortshorne, Richard : Nature of Geography.
7. Taylor, Griffith : Twentieth Century Geography.
8. Fundamentals of Physical Geography, Class XI, N.C.E.R.T, New Delhi.
9. A Test Book of Geography, Class VI to VIII, ICSE, New Delhi.

10. $\pi\ddot{u}\ddot{O}\ddot{Y}\ddot{O}\hat{e}\frac{3}{4}\ddot{O}\ddot{A}\ddot{O}\ddot{I}\pi\ddot{u}\ddot{O}\ddot{Y}\ddot{O}\hat{e}:\ddot{O}\ddot{I}\ddot{O}\ddot{e}\acute{u}\times\ddot{Y}\ddot{O}\ddot{I}\acute{u}\ddot{O}\ddot{a}\times\frac{3}{4}\ddot{O}-\ddot{O}\ddot{O}-\ddot{O},$

11. $\times\ddot{O}\ddot{d}.\ddot{A}\ddot{O}\ddot{a},\acute{e}\ddot{u}\ddot{I}\ddot{O}\ddot{I}\ddot{a}\acute{u}\times\ddot{O}\hat{e}:\ddot{O}\ddot{a}\ddot{Y}\ddot{O}\ddot{I}\ddot{O}\ddot{O}\ddot{A}\ddot{I}\ddot{O},\times\frac{3}{4}\ddot{O}\ddot{a}\ddot{O}\ddot{O}\ddot{O},\ddot{u}\ddot{Y}\ddot{O}\ddot{\beta}\ddot{O}\ddot{I}\ddot{O}\ddot{I}\ddot{u}\ddot{O}\ddot{I}\ddot{O}-\ddot{O},\times\ddot{O}\ddot{Y}\ddot{O}\ddot{a},\ddot{u}$

12. $\ddot{I}\ddot{O}\hat{e}^{\wedge T M}\acute{e}\ddot{u},\pm\acute{a}\acute{u}\times\ddot{O}\hat{e},\ddot{I}\ddot{O}/\acute{E}\ddot{u}\ddot{O}-\ddot{O}\ddot{a},\ddot{u}\ddot{I}\ddot{u},\ddot{u}:\ddot{O}\ddot{I}\ddot{O}\ddot{e}\acute{u}\times\ddot{Y}\ddot{O}\ddot{I}\ddot{u}\ddot{O}\ddot{a}\ddot{I}\ddot{O}\ddot{O}\hat{e}\times\ddot{O},\ddot{I}\times\ddot{O}\times\ddot{O}\ddot{Y}\ddot{O}$

$\ddot{O}\ddot{U}^2\times\ddot{O}\ddot{e}\acute{u}\ddot{I}\ddot{O}-\ddot{O},\times\ddot{O}\ddot{Y}\ddot{O}\ddot{a},\ddot{u}$

13. $“\ddot{O}\ddot{O}\hat{I}-\ddot{O},\ddot{u}\ddot{\beta}\frac{3}{4}\ddot{O}\ddot{O}\frac{3}{4}/\acute{E}\ddot{u}\ddot{O}\ddot{O}:\ddot{O}\ddot{I}\ddot{O}\ddot{e}\acute{u}\times\ddot{Y}\ddot{O}\ddot{I}\ddot{u}\ddot{O}\ddot{a}\ddot{I}\ddot{O}\ddot{O}\hat{e}\times\ddot{O},\ddot{O}\ddot{I}\ddot{I}\ddot{O}\ddot{O}\ddot{O}\ddot{Y}\ddot{O}\ddot{O}\ddot{U}^2\times\ddot{O}\ddot{e}\acute{u}\ddot{I}\ddot{O}-\ddot{O},$

$\times\frac{3}{4}\ddot{O}\ddot{a}\ddot{O}\ddot{O}\ddot{O},\ddot{u}\ddot{Y}\ddot{O}\ddot{\beta}\ddot{O}\ddot{I}\ddot{O}\ddot{I}\ddot{u}\ddot{O}\ddot{I}\ddot{O}-\ddot{O},-\ddot{O}\ddot{O}\ddot{O}\ddot{O}\ddot{O}\ddot{a},\ddot{u}$

14. $\cdot\acute{u}\ddot{O}\hat{e}\times\ddot{O}\ddot{Y}\ddot{O}\hat{e},\ddot{O}\ddot{O}\hat{e}\mu\ddot{O},\ddot{u},\ddot{O}\ddot{a},\ddot{u}\ddot{O}\times\ddot{O}\ddot{O}\ddot{I}\ddot{u},\ddot{I}\ddot{a}\acute{u}^2\ddot{O}.\acute{e}\ddot{u}:\ddot{O}\ddot{a}\ddot{I}\ddot{O}\ddot{O}\hat{e}\times\ddot{O}\ddot{O}“\ddot{O}\ddot{\beta}\ddot{O}\ddot{a}\times\ddot{O}\ddot{Y}\ddot{O}\ddot{Y}\frac{3}{4}\ddot{O}\hat{e},$

$\times\frac{3}{4}\ddot{O}\ddot{a}\ddot{O}\ddot{O}\ddot{O},\ddot{u}\ddot{Y}\ddot{O}\ddot{\beta}\ddot{O}\ddot{I}\ddot{O}\ddot{I}\ddot{u}\ddot{O}\ddot{I}\ddot{O}-\ddot{O},-\ddot{O}\ddot{O}\ddot{O}\ddot{O}\ddot{O}\ddot{a},\ddot{u}$

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-I)

Geography

(MCQ + Theory Pattern)

Course Title : Introduction To Human Geography

Course Code : U-GEO-119

Paper No.: II

Max. Marks : 50

Total Lectures : 50

Lectures:50

Credits :02

Practicals :00

Learning Objectives:

- 1) To acquaint the students with the nature and man-environment relationships.
- 2) To understand the human capability to adopt and modify the environment under its varied conditions.
- 3) To understand the concepts of Human Geography.

Course Outcomes:

- 1) Students are acquired with the nature and man environment relationship.
- 2) Students are aware of the human geography to adopt and modify the environment under its varied conditions.
- 3) Students are familiar with the conceptual from human Geography

Unit-I : Introduction

- i) Meaning, Nature and Scope of Human Geography
- ii) Branches of Human Geography
- iii) Significance of Human Geography

Unit-II : Man and Environment Relationships

- i) Human Relations to Landforms
- ii) Human Relations to Climate
- iii) Human Relations to Vegetation

Unit-III : Human Adaptation to Environment

- i) Cold Region-Eskimo
- ii) Hot Region-Bushmen
- iii) Hilly Region-Bhill

iv) Plateau Region-Gond

Unit-IV : Concepts in Human Geography

- i) Determinism
- ii) Possibilism
- iii) Stop and Go Determinism

Reference Books :

- 1) Mc Bride, P.J. : Human Geography- Systems, Patterns and Change, Nelson, UK and Canada.
- 2) DeBlij, H.J. : Human Geography- Culture, Society and Space, John Wiley, New York.1996
- 3) Husain, Majid : Human Geography, Rawat Publications, Jaipur.
- 4) Perpillon, A.V. : Human Geography.
- 5) $\int \partial^{\text{TM}} \hat{e} \ddot{u}, \pm \tilde{a} \dot{u} \gg \ddot{O} \hat{e}, \int \ddot{O} \ddot{A} \ddot{u} \ddot{O} \ddot{O} \ddot{a}, \ddot{u} \ddot{u}, \ddot{u} : \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O} \beta \text{ } ^3 \ddot{O} \ddot{a} \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}, \dagger \times \text{ } ^3 \ddot{O} \times \cdot \ddot{O} \ddot{Y} \ddot{O} \text{ } ^- \ddot{O} \hat{U}^2 \gg \ddot{O} \ddot{e} \dot{u} \int \ddot{O} - \ddot{O},$
 $\gg \ddot{O} \ddot{O} \ddot{Y} \ddot{O} \ddot{a},$
- 6) $\text{ } ^\circ \ddot{O} \ddot{O} \cdot \ddot{O} \beta \ddot{Y} \ddot{O} \text{ } \ddot{A} \tilde{a} \ddot{u} \ddot{A} \ddot{O} \hat{e} - \ddot{O} : \text{ } ^\circ \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O} \beta \text{ } ^3 \ddot{O} \ddot{a} \cdot \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}$
- 7) $\cdot \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O}, \int \ddot{O} \ddot{A} \ddot{u} \ddot{O} \ddot{O} \ddot{a}, \ddot{u} \ddot{u}, \ddot{u}, \ddot{O} \ddot{O} \cdot \ddot{O}, \hat{e} \ddot{u} : \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O} \beta \text{ } ^3 \ddot{O} \ddot{a} \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}, \dagger \text{ } ^\circ \ddot{p} \ddot{O} \ddot{O} \text{ } ^- \ddot{O} \ddot{I} \ddot{u} \ddot{O} \int \ddot{O} - \ddot{O},$
 $\gg \ddot{O} \ddot{O} \ddot{Y} \ddot{O} \ddot{a}, \ddot{u}$
- 8) $\succ \ddot{u} \ddot{O} \delta. \ddot{u} \ddot{O} \ddot{I} \hat{U} \int \ddot{O} \ddot{u} \ddot{u} : \text{ } ^\circ \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O} \beta \text{ } ^3 \ddot{O} \ddot{a} \ddot{O} \ddot{O} \hat{e} \gg \ddot{O} \text{ } ^\times \frac{3}{4} \ddot{O} \ddot{O} \dagger \ddot{O} \ddot{u} \text{ } ^\text{Y} \ddot{E} \ddot{O} \ddot{u} \times \text{ } ^\mu \ddot{O} \ddot{O}, \ddot{u} \ddot{A} \ddot{Y} \ddot{O} \ddot{O} \hat{e} \cdot \ddot{O} \beta$
 $\text{ } ^- \ddot{O} \hat{U}^2 \gg \ddot{O} \ddot{e} \dot{u} \int \ddot{O} - \ddot{A} \ddot{O}, \text{ } ^\circ \ddot{O} \hat{e}, \ddot{u} \ddot{s} \ddot{u}$
- 9) $\succ \ddot{O} \delta. \text{ } ^\circ \ddot{O} \ddot{u} \text{ } ^- \ddot{O} \tilde{a}, \hat{e} \ddot{u} \times \frac{3}{4} \ddot{O} \ddot{s} \ddot{u} \ddot{s} \ddot{u} \gg \ddot{O} : \text{ } ^\circ \ddot{O} \ddot{O} - \ddot{O} \frac{3}{4} \ddot{O} \beta \text{ } ^3 \ddot{O} \ddot{a} \cdot \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}, \emptyset \text{ } ^- \ddot{O} \ddot{O} \text{ } ^- \ddot{O} \delta \hat{u} \ddot{O} \text{ } ^- \ddot{O} \tilde{a}, \hat{e} \ddot{u} \text{ } ^- \ddot{O} \hat{U}^2 \gg \ddot{O} \cdot \hat{e} \dot{u} \int \ddot{O} - \ddot{O},$
 $\text{ } ^- \ddot{O} \ddot{O} \cdot \ddot{O} \text{ } ^- \ddot{O} \ddot{a}, \ddot{u}$

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-I)

Geography

(MCQ + Theory Pattern)

Course Title : Practical Geography

Course Code: U-GEO-120

Paper No.: I

Max. Marks : 50

Total Lectures : 45

Lectures:00

Credits : 02

Practicals : 15

Learning Objectives:

- 1) Geography is an amalgam of physical as well as social sciences, it is necessary for the students to gain knowledge of maps and the scale of maps, through laboratory exercises, and by the techniques.
- 2) To achieve this objective, the concepts of scale, Maps are to be understood at the initial stage.

Course Outcomes:

- 1) The student knows the concept of Map and Scale.
 - 2) Students are able to convert map scale as per measurement and area including unit conversions.
-

Unit-I : Scales

- i) Meaning & Definition of Scale
- ii) Types of Scale
- iii) Conversion of Scale

Unit-II: Construction of Scale

- i) Simple Scale
- ii) Time and Distance Scale

Unit –III: Maps

- i) Definition and Elements of Map
- ii) Classification of Maps
- iii) Significance of Maps

Unit-IV: Field Visit

- i) Visit to the geographically important Locations
- ii) Preparation and submission of report based on field visit

Reference Books:

- 1) Misra, R.P. : Fundamentals of Cartography, Concept Publishing, New Delhi.
- 2) Robinson, A.H. et al : Elements of Cartography, John Wiley and Sons, USA. 1995.
- 3) Sarkar, A.K. : Practical Geography- A Systematic Approach, Orient Longman, Culcutta, 1997.
- 4) Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kalllyani Publishers, New Delhi. 1979
- 5) >üÖð.†•ÖæÔ-Ö 2Óúã³ÖÖ,ü:ÖÏÖŸµÖÖÛ2Ö2ú ³Öæ2ÖÖê»Ö,
- 6) >üÖð.ÖµÖ2ãú'ÖÖ,ü 'Ö2Ö,ü:ÖÏÖŸµÖÖÛ2Ö2ú ³Öæ2ÖÖê»Ö-³ÖÖ2Ö 2ú
- 7) 2üÖŸÖê ¾Ö ÅÖÖî.2üÖŸÖê:-Ö• úÖ;ÖÖ;ÖÖÃ;Ö
- 8) >üÖð.Ü;ÖÖ2ê:üÖÏÖŸµÖÖÛ• Ö• ú ³Öæ• ÖÖê»Ö,

B. A. First Year

(Semester-II)

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-II)

Geography

(MCQ + Theory Pattern)

Course Title : Principles of Geomorphology

Course Code : U-GEO-218

Paper No.: III

Max. Marks	: 50	Credits	:02
Total Lectures	: 50	Lectures:50	Practical :00

Learning Objectives:

- 1) The objective of this course is to introduce the concepts in physical geography, essentially geomorphology, to the students of geography in a brief but adequate manner.

Course Outcomes:

- 1) The student clears about the concept of physical geography.
- 2) The student knows the significance of land forms.
- 3) The students are able to identify the movement of earths.

Unit I : Physical Geography

- i) Meaning, Nature and Scope of Physical Geography
- ii) Branches of Physical Geography
- iii) Significance of Physical Geography

Unit II : Geomorphology

- i) Meaning, Nature and Scope of Geomorphology
- ii) Branches of Geomorphology
- iii) Significance of Geomorphology

Unit III : Interior of the earth

- i) Introduction
- ii) The Sources which provide knowledge about interior of the earth
- iii) Composition ructurelayering system of the earth and recent view

Unit IV : Rocks

- i) Origin and Composition of rocks
- ii) Classification of rocks
- iii) Significance of Rocks

Reference Books :

1. Monkhouse, F.J. : Principles of Physical Geography, Hodder and Stoughton, London, 1960.
2. Strahler, A.N. and Strahler, A.H. : Modern Physical Geography, John Wiley and Sons, Revised Edition 1992.
3. Thornbury, W.D. : Principles of Geomorphology, Wile Eastern, 1969.
4. Singh, S. : Geomorphology, Prayag Pustakalaya, Allahabad. 1998.
5. Dayal, P. : A Textbook of Geomorphology, Shukla Book Depot, Patna. 1996.
6. Sparks, B.W. : Geomorphology, Longman, London. 1960.
7. Singh, Savinder : Physical Geography, Rawat Publications, Jaipur.
8. »üÖð.ÃÖã,êü;Ö ±ãúã»Öê:³Öæºp~Ö;ÖÖÃ;Ö,×¾ÖªÖ³Ö,üYÖß ~ÖŹúÖ;Ö-Ö,»ÖÖYÖæ,ü,
9. ¢üÖYÖê ¾Ö ÃÖÖŹ.¢üÖYÖê:ÖŹÖŹéú×YÖŹú ³Öæ×¾Ö-ÖÖ-Ö,üÖ×¾Ö»ÖÖ
~Ö×²»ÖŹéú;Ö-Ö,ÃÖÖYÖÖ,üÖ.

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-II)

Geography

(MCQ + Theory Pattern)

Course Title : Population Geography

Course Code : U-GEO-219

Paper No.: IV

Max.Marks	: 50	Credits	:02
Total Lectures	: 50	Lectures:50	Practices :00

Learning Objectives:

- 1) The course is meant to provide an understanding of spatial and structural dimensions of population and the emerging issues.
- 2) The courses are further aimed at familiarizing the students with global and regional level problems and also equip them for comprehending the Indian situation.

Course Outcomes:

- 1) Students understand the spatial and structural dimensions of population and the emerging issues such as population growth, birth rate, Death Rate, Sex Rate.
- 2) Students are familiar with global and regional level problems such as over population, literacy rate, migration etc.

Unit – I : Introduction

- i) Meaning, Nature and Scope of Population Geography
- ii) Relationship with Other Social Sciences
- iii) Significance of Population Geography

Unit – II : Growth and Distribution of Population

- i) Factors Affecting on Growth and Distribution of Population
- ii) Growth and Distribution of Population with Special Reference to India
- iii) Consequences of Growth of Population

Unit – III : Population Theories

- i) Malthusian Theory of Population
- ii) Theory of Optimum Population

Unit – IV : Structure of Population

1. Beaujieu Garnier, J. : Geography of Population, Longmans, London.
2. Clarke, J.I. : Population Geography, Permagon Press, New York.
3. Trewartha, G.T. : A Geography of Population World Patterns, John Wiley and Sons, New York.
4. Ghosh, B.N. : Population Geography, Concept Publications, New Delhi.
5. Chandana, R.C.: Geography of Population – Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
6. Sundaram, K.V. and Nangia, Sudesh (Edi) : Population Geography, Heritage Publishers, New Delhi. 1986.
7. Sawant & Athawale: Population Geography (Mehta Publishing House (Pune
8. $\rightarrow \ddot{u} \ddot{O} \delta . \varnothing \ddot{a} \ddot{u} ^2 \ddot{O} \hat{e} : \cdot \ddot{O} - \ddot{O} \ddot{A} \ddot{O} \ddot{O} \cdot \mu \ddot{O} \ddot{O} ^3 \ddot{O} \ddot{a} \cdot \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}$
9. $\rightarrow \ddot{u} \ddot{O} \delta . ^{TM} \ddot{u} \beta . \leftarrow \ddot{O} . \ddot{O} \ddot{O} \hat{e} \gg \ddot{O} - \ddot{O} : \gg \ddot{O} \ddot{O} \hat{e} \cdot \acute{u} \ddot{A} \ddot{O} \ddot{O} \cdot \mu \ddot{O} \ddot{O} ^3 \ddot{O} \ddot{a} \cdot \ddot{O} \ddot{O} \hat{e} \gg \ddot{O}$
10. $\ddot{z} \ddot{O} \hat{e} ^{TM} \acute{e} \ddot{u} , \pm \acute{a} \acute{u} \gg \ddot{O} \hat{e} , \ddot{z} \ddot{O} / \ddot{E} \ddot{u} \ddot{O} - \ddot{O} \ddot{a} , \ddot{u} \ddot{u} , \ddot{u} : \gg \ddot{O} \ddot{O} \hat{e} \ddot{u} \ddot{A} \ddot{O} \ddot{O} \ddot{u} \mu \ddot{O} \ddot{O} ^3 \ddot{O} \ddot{a} \ddot{u} \ddot{O} \ddot{O} \hat{e} \gg \ddot{O} , \ddot{+} \times ^3 \ddot{O} \times \cdot \ddot{O} \ddot{Y} \ddot{O}$

 $\ddot{-} \ddot{O} \hat{U} ^2 \gg \ddot{O} \ddot{u} \acute{u} : \ddot{O} - \ddot{O} , \gg \ddot{O} \ddot{O} \ddot{Y} \ddot{O} \ddot{a} , \ddot{u}$
11. $\rightarrow \ddot{u} \ddot{O} \delta . \ddot{+} \varnothing \cdot \ddot{O} \cdot \acute{O} \acute{u} \acute{a} ^3 \ddot{O} \ddot{O} , \ddot{u} : \gg \ddot{O} \ddot{O} \hat{e} \cdot \acute{u} \ddot{A} \ddot{O} \ddot{O} \cdot \mu \ddot{O} \ddot{O} ^3 \ddot{O} \ddot{a} \cdot \ddot{O} \ddot{O} \hat{e} \gg \ddot{O} , \acute{O} \acute{a} , \ddot{u} \gg \ddot{O} \beta - \ddot{O} , \ddot{u} - \ddot{O} \ddot{I} \cdot \acute{u} \ddot{O} ; \ddot{O} - \ddot{O} , \ddot{-} \ddot{O} \acute{a} \cdot \ddot{O} \hat{e}$

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.I yr (Semester-II)

Geography

(MCQ + Theory Pattern)

Course Title : **Practical Geography**

Course Code : **U-GEO-220**

Paper No.: II

Max. Marks : 50

Total Lectures : 45

Lectures:00

Credits :02

Practicals :15

Learning Objectives:

- 1) The objective of this course is to train students in the art of representing relief features on the earth's surface and to analyze the topography by studying SOI maps.

Course Outcomes:

- 1) They are trained in to draw the relief features.
 - 2) Students recognize the features on earth surface through the SOI Topographical maps.
-

Unit – I : Methods of Showing Relief Features

- i) Hachures, ii) Form Lines, iii) Hill Shading, iv) Layer Tints,
- v) Spot Height, vi) Bench Mark, vii) Trig Point, viii) Contours

Unit – II : Representation of Landforms by Contours

- i) Conical Hill, ii) Plateau, iii) Ridge, iv) Pass, v) Cliff, vi) 'V' shaped valley
- vii) 'U' shaped valley, viii) Spur, ix) Slope Types

Unit – III : Profiles

- i) Introduction
- ii) Drawing of Cross Profiles.
- iii) Drawing of Long profiles

Unit – IV : SOI Topographical Maps

- i) Indexing of Toposheets
- ii) Classification of Toposheets
- iii) Interpretation of toposheets of a hilly, plateau and plain region

Reference Books:

1. Sharma, J.P. : Prayogik Bhoogol, Rastogi Publication, Merath.
2. Misra, R.P. : Fundamentals of Cartography, Concept Publishing, New Delhi.
3. Robinson, A.H. et al. : Elements of Cartography, John Wiley and Sons, USA.1995.
4. Sarkar, A.K. : Practical Geography- A Systematic Approach, Orient Longman, Culcutta. 1997.
5. Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kalllyani Publishers, New Delhi. 1979.