

B. A. Second Year

(Semester-III)

Rajarshi Sahu Mahavidyalaya, Latur
(Autonomous)

Syllabus

Geography

B.A. Second Year
Revised
(Semester Pattern)
(MCQ + Theory)

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-119	Introduction to Geography	50	50	03
		U-GEO-120	Introduction to Human Geography	50	50	03
		U-GEO-121	Practical Geography	45 (Pra.15)	50	02
	II	U-GEO-218	Principles of Geomorphology	50	50	03
		U-GEO-219	Population Geography	50	50	03
		U-GEO-220	Practical Geography	45 (Pra.15)	50	02
B.A. Second Year	III	U-GEO-318	Principles of Climatology	50	50	03
		U-GEO-319	Economic Geography	50	50	03
		U-GEO-320	Practical Geography	45 (Pra.15)	50	02
	IV	U-GEO-418	Principles of Oceanography	50	50	03
		U-GEO-419	Agricultural Geography	50	50	03
		U-GEO-420	Practical Geography	45 (Pra.15)	50	02
B.A. Third Year	V	U-GEO-518	Environmental Geography	50	50	03
		U-GEO-519	Geography of India: Part-I	50	50	03
		U-GEO-520	Practical Geography	90 (Pra.30)	50	02
	VI	U-GEO-618	Geography of Resources	50	50	03
		U-GEO-619	Geography of India: Part-II	50	50	03
		U-GEO-620	Practical Geography	90 (Pra.30)	50	02

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B.A. Second Year

Semester - III

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-318	Principles of Climatology	04	50	20	30	50
U-GEO-319	Economic Geography	04	50	20	30	50
U-GEO-320	Practical Geography - III	03 (Pra.-01) Per Batch	45 (Pra. -15) Per Batch	20	30	50

Semester - IV

Course Code	Course Title	Lect. per Week	Lect. per Sem.	Marks		
				Internal	External	Total
U-GEO-418	Principles of Oceanography	04	50	20	30	50
U-GEO-419	Agricultural Geography	04	50	20	30	50
U-GEO-420	Practical Geography - IV	03 (Pra.-01) Per Batch	45 (Pra. -15) Per Batch	20	30	50

Note:

- Internal marks will be divided as follows:
 - Two tests : 15 Marks
Marks of two tests will be converted into 15
 - Attendance : 05 Marks
- Submission of certify journal and field report is compulsory without which students will not be allowed to appear for practical examination.
- 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.

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B.A.II yr (Semester-III)

Geography

(MCQ + Theory Pattern)

Course Title : **Principles of Climatology**

Course Code : **U-GEO-318**

Paper No.: V

Max. Marks : 50

Credits :03

Total Lectures : 50

Lectures:50

Practices :00

Learning Objectives:

- 1) To Make Student aware about weather and climate phenomena.
- 2) To improve understanding regarding Climatic issues.

Course Outcomes:

- 1) Students are familiar with weather phenomena, dynamics of global animas and generation of climatic information and their application.

Unit-I : Introduction

- i) Meaning, Nature and Scope of Climatology.
- ii) Elements of Weather and Climate.

Unit-II : Atmosphere and Insolation

- i) Composition and Structure of the atmosphere.
- ii) Insolation and Temperature.

Unit-III : Atmospheric Pressure and Winds

- i) Atmospheric Pressure, Pressure Belts
- ii) Winds-Types of Wind

Reference Books :

- 1) Trewartha , G.T.: An Introduction to Climate , Mc Graw Hill, New York.
- 2) Critchfield, H: General Climatology, Prentice- Hall, New York.

- 3) Lal D.S.:Climatology, Sharda Pustak Bhavan, Allahabad.
- 4) Miller, A.A.: Climatology.
- 5) डॉ. शेटे एस. टी. हवामानशास्त्र व सागरविज्ञान, अभिजीत पब्लिकेशन, लातूर.
- 6) जोलते , के. टी . पुराणीक, एम. जी. कुबडे सुमती: हवामानशास्त्र व सागरविज्ञान.
- 7) धारपुरे विठ्ठल- हवामानशास्त्र , पिंपळापुरे अँड कं. पब्लीशर्स, नागपूर.
- 8) Strahler, A.N. and Strahler, A.H.Modern Physical Geography, John Wiley and Sons, London.

Rajarshi Shahu Mahavidyalaya, Latur

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B.A.II yr (Semester-III)

Geography

(MCQ + Theory Pattern)

Course Title : **Physical Geography of Maharashtra**

Course Code : **U-GEO-319**

Paper No.: VI

Max. Marks : 50

Credits :02

Total Lectures : 50

Lectures:50

Practicals :00

Learning Objectives:

Objectives:

- 1) The students should learn the regional Geographical aspects.
- 2) The students aware about integrated & empirical profile of Maharashtra

I) Maharashtra: Location and Extent

- i) Location, Size and Boundaries.
- ii) Location of Maharashtra in India.
- iii) Administrative Divisions.
- iv) Regional Divisions.

II) Physical Divisions of Maharashtra

- i) Coastal Region.
- ii) The Sahyadri and Hilly Ranges.
- iii) Plateau Region.

III) Climate and Drainage

- i) Nature of Climate in Maharashtra.
- ii) Seasons in Maharashtra.
- iii) Divisions of Rivers According to their directions and Water Divide.
- iv) River Basins in Maharashtra.

IV) Soils and Vegetation.

- i) Factors Affecting on Soil Formation.
- ii) Types of Soils in Maharashtra and Soil Conservation.
- iii) Factors affecting on Natural Vegetation.
- iv) Types of Forests in Maharashtra and Forest Conservation.

Reference Books :

- 1) B. Arunachalam : Maharashtra, A.R. Shethe & Co. Educational Publisher, Bombay.

- २) डॉ. सुभाषचंद्र सारंग : महाराष्ट्राचा भूगोल, विद्या प्रकाशन, नागपूर.
- ३) डॉ. सुरेश फुले : महाराष्ट्राचा भूगोल, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
- ४) डॉ. प्रकाश सावंत : महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर.
- ५) प्रा. ए.बी. सवदी : महाराष्ट्र निराली प्रकाशन, पुणे.
- ६) डॉ. विठ्ठल घारापूरे : महाराष्ट्राचा भूगोल.
- ७) डॉ. पांडूरंग केचे : महाराष्ट्राचा भूगोल.

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B.A.II yr (Semester-III)

Geography

(MCQ + Theory Pattern)

Course Title : **Practical Geography**

Course Code : **U-GEO-320**

Paper No.: III

Max. Marks : 50

Total Lectures : 45

Lectures:50

Credits :02

Practical :15

Learning Objectives:

- 1) To make students aware about different climatic graphs and diagrams.
- 2) To make student aware about climatic conditions through weather instruments and daily weather maps.

Course Outcomes:

- 1) Students can draw climatic graphs and diagrams.
- 2) They can handle the weather instruments, and can interpret daily weather maps.

Unit-I : Use of Line & Bar Graph for Representing Geographical Data

- i)Line Graph- Simple & Multiple.
- ii)Bar Graph- Simple & Multiple

Unit-II : Climatic Graphs and Diagrams

- i) Climograph.
- ii) Hythergraph.
- iii) Star Diagram.
- iv) Wind Rose

Unit-III : Introduction of Weather Instruments

- i) Minimum & Max. Thermometer.
- ii) Dry & Wet Bulb Thermometer.
- iii) Rainguage
- iv) Aneroid Barometer.
- v) Wind Vane.
- vi) Cup-Anemometer.

Unit-IV : Study of Indian Daily Weather Reports

- a) Weather Signs & Symbols.
- b) Interpretation of Indian Daily Weather Reports. One Each from Winter, Summer & Rainy Season.

Unit-V: Field Visit and Preparation of Report

Reference Books :

- 1) Mishra R.P. & Ramesh A. Fundamentals of cartography. Mc.Millan Co.H.D.1986.
- 2) Singh R.L. Elements of Practical Geography, Kalyani Publication, H.D.
- 3) Sarkar, A.K. Practical Geography A Systematic Approach orient Longman, Calcutta,1997.
- 4) Monk house ,F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
- 5) शर्मा जे.पी . प्रायोगिक भूगोल.
- 6) अर्जुन कुंभार: प्रात्यक्षिक भूगोल.
- 7) डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे प्रकाशन, नागपूर.
- 8) अहिरराव डी.वाय व करंजरवेले इ.के.: प्रात्यक्षिक भूगोल.

B. A. Second Year

(Semester-IV)

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

B.A.II yr (Semester-IV)

Geography

(MCQ + Theory Pattern)

Course Title : **Principles of Oceanography**

Course Code : **U-GEO-418**

Paper No.: VII

Max. Marks : 50

Credits :02

Total Lectures : 50

Lectures:50

Practical :00

Learning Objectives:

- 1) The component of oceanography similarly deals with the coastal processes and described the vast and diversified resources the oceans hold.

Course Outcomes:

- 1) Students effectively understand the basic concepts, processes, and analytic tools in oceanography. Students expose to a diversity of resources in ocean.

Unit.I: Introduction to Oceanography

- i) Meaning, Nature and Scope of Oceanography
- ii) Significance of the Study of Oceanography

Unit.II: Ocean Floor and Bottom Topography

- i) Nature of Ocean Floor
- ii) Atlantic, Pacific and Indian Ocean

Unit.III: Temperature and Salinity of Oceans

- i) Distribution of temperature
- ii) Distribution of salinity

Unit-IV: Circulation of Oceanic Water

- i) Sea Waves and Tides
- ii) Ocean Currents

Reference Books:

1. Anikouchine, W.A. and Sternberg, R.W.: The World Oceans –An introduction to Oceanography, Englewood Cliffs, N.J. 1973.
2. Grald, S. : General Oceanography – An Introduction, John Wiley and Sons, New York, 1980.
3. Garrison, T. Oceanography, Wadsworth.com, USA 1998.
4. King, C.A.M. Beaches and Coasts, E. Arnold, London, 1972.
5. King, C.A.M. Oceanography for Geographers E. Arnold, London, 1975.
6. डॉ.शंकरराव शेते:हवामानशास्त्र व सागरविज्ञान,अभिजित पब्लिकेशन,लातूर
7. जेलेते,भोयर,पुराणिक,कुबडे: हवामानशास्त्र व सागरविज्ञान,विद्या प्रज्ञा,राजपूर
8. डॉ. विठ्ठल घारपुरे: सागरविज्ञान,पिंपळापुरे पब्लिशिंग,राजपूर

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B.A.II yr (Semester-IV)

Geography

(MCQ + Theory Pattern)

Course Title : Human Geography of Maharashtra

Course Code : U-GEO-419

Paper No.: VIII

Max. Marks : 50

Credits :02

Total Lectures : 50

Lectures:50

Practical :00

Objectives:

- 3) The students should learn the regional Geographical aspects.
 - 4) The students aware about integrated & empirical profile of Maharashtra
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I) Population

- i) Growth, Distribution and Structure of Population.
- ii) Migration of Population.

II) Agriculture

- i) Factors Affecting on Agriculture
- ii) Production and Distribution of Major Crops

III) Industries

- i) Industries
- ii) Industrial Regions

IV) Transportation and Communication

- i) Types of Transportation Modes.
- ii) Types of Communication Modes.

Reference Books :

- 8) B. Arunachalam : Maharashtra, A.R. Shethe & Co. Educational Publisher, Bombay.
- ९) डॉ. सुभाषचंद्र सारंग : महाराष्ट्राचा भूगोल, विद्या प्रकाशन, नागपूर.
- १०) डॉ. सुरेश फुले : महाराष्ट्राचा भूगोल, विद्या बुक्स पब्लिशर्स, औरंगाबाद.
- ११) डॉ. प्रकाश सावंत : महाराष्ट्राचा भूगोल, फडके प्रकाशन, कोल्हापूर.
- १२) प्रा. ए.बी. सवदी : महाराष्ट्र निराली प्रकाशन, पुणे.
- १३) डॉ. विठ्ठल घारापूरे : महाराष्ट्राचा भूगोल.
- १४) डॉ. पांडूरंग केचे : महाराष्ट्राचा भूगोल.

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B.A.II yr (Semester-IV)

Geography

(MCQ + Theory Pattern)

Course Title : Practical Geography

Course Code : U-GEO-420

Paper No.: IV

Max. Marks : 50

Credits :02

Total Lectures : 45

Lectures:00

Practical :15

Learning Objectives:

- 1) To understand the different cartographical methods.
- 2) To study the two and three dimensional diagrams for representation of economic data.

Course Outcomes:

- 1) Students understand the different cartographical methods.
- 2) They aware about the representation of attribute data through two and three dimensional diagrams.

Unit-I : Two Dimensional Located Diagrams

- 1) Wheel Diagram
- 2) Circle Diagram
- 3) Square Diagram

Unit-II : Three Dimensional Located Diagrams

- i) Cube Diagram.
- ii) Sphere Diagram
- iii) Block Piles

Unit-III : Distributional Maps

- i) Dot Map.
- ii) Choropleth Map
- iii) Flow Line Map

Unit-IV : Surveying

Plane Table Survey- Open Traverse

Reference Books :

1. Mishra R.P. & Ramesh A. Fundamentals of cartography. Mc.Millan Co.H.D.1986.
2. Singh R.L. Elements of Practical Geography, Kalyani Publication, H.D.
3. Sarkar, A.K. Practical Geography A Systematic Approach orient Longman, Calcutta,1997.
4. Monk house ,F.J. & Wilkinson, H.R.: Maps & Diagrams London, 1994.
5. शर्मा जे.पी . प्रायोगिक भूगोल.
6. अर्जुन कुंभार: प्रात्यक्षिक भूगोल.
7. डॉ. नागतोडे/ डॉ. लांजेवार : नकाशास्त्र व प्रात्यक्षिक भूगोलशास्त्र, पिंपळापूरे प्रकाशन, नागपूर.
8. अहिरराव डी.वाय व करंजरवेले इ.के.: प्रात्यक्षिक भूगोल.