

RAJARSHI SHAHU MAHAVIDYALAYA, LATUR
(Autonomous)



Revised Syllabus for the B. A. F.Y.
(Semester – I & II)

Programme :-
B.A. (Competitive Examinations Programme – CEP)

Course : Geography

Credit Based Semester and Grading System

(With effect from June 2020)

Course : Geography

Class : B.A. F.Y. (CEP)

Sem.	Title of Paper	Course Code	Total Lectures	Internal marks	External Marks	Total Marks	Credit
I	Introduction To Geography - I	U-GEO-203	50	20	30	50	2
I	Geomorphology - II	U-GEO-204	50	20	30	50	2
I	Practical Geography - I (Lab. Course)	U-GEO-205	45	20	30	50	2
II	Climatology - III	U-GEO-302	50	20	30	50	2
II	Oceanography - IV	U-GEO-303	50	20	30	50	2
II	Practical Geography - II (Lab. Course)	U-GEO-304	45	20	30	50	2

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

B. A. (Competitive Examinations Programme – CEP)

Semester - I

Class : **B.A. F.Y. (CEP)**

Sub : **Geography**

Course Title : **Introduction to Geography - I**

Course Code : **U-GEO-203**

Lectures : 50

Marks : 50

Credit : 2

Objectives :

- 1) To introduce the students to the basic concepts in Geography.
- 2) To help the students to understand the standard time, local time, International dateline.

Outcome :

At the end of the semester the students will be able to:

- 1) Understand the standard time, local time, international date line.
- 2) Understand the basic concepts in Geography.
- 3) Understand and develop interest in Geography subject.
- 4) Understand the formation of Seasons.

Syllabus :

Unit I) The universe and solar system

- 1) The universe
- 2) The solar system
- 3) Lunar and solar eclipse

Unit II) The Globe

- 1) Longitude
- 2) Latitude
- 3) Standard time

Unit III) Introduction to Earth

- 1) Rotation of the Earth and it's effects
- 2) Climatic seasons

Unit IV) Major landforms of the Earth

- 1) Mountains
- 2) Plateaus
- 3) Plains

Reference Book :

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. The Earth Our Habitat

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B. A. (Competitive Examinations Programme – CEP)

Semester - I

Class : **B.A. F.Y. (CEP)**

Sub : **Geography**

Course Title : **Geomorphology - II**

Course Code : **U-GEO-204**

Lectures : 50

Marks : 50

Credit : 2

Objective :

- 1) To introduce the students of the basic concept in physical Geography.
- 2) To acquaint the students with the utility and application of physical Geography in different areas and environment.
- 3) To make the students aware of the need of protection and conservation of different landforms.

Outcome :

At the end of the semester the students will be able to:

- 1) Understand the principles of geomorphology and the processes that shape the landscape.
- 2) Describe the geomorphology of the landscape and related processes in areas influenced by fluvial, glacial, periglacial, aeolian, coastal and arid systems.
- 3) Describe major scientific ideas and theories about the development of the landscape.
- 4) Understand the formation of Landforms.

Unit I) Factors controlling landform development

- 1) Endogenic and Exogenic forces
- 2) Weathering

Unit II) Origin and evolution of the Earth`s crust

- 1) Physical conditions of the Earth`s interior
- 2) Continental drift theory
- 3) Sea floor spreading theory
- 4) Plate tectonics theory

Unit III) Sudden endogenetic forces

- 1) Volcanism
- 2) Earthquakes / Tsunami

Unit IV) Landform development

- 1) W.M. Davis theory
- 2) Fluvial landforms
- 3) Glacial landforms
- 4) Arid landforms

Reference Book :

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.
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B. A. (Competitive Examinations Programme – CEP)

Semester - I

Class : B.A. F.Y. (CEP)

Sub : Geography

Course Title : Practical Geography – I

Course Code : U-GEO-205

Lectures : 45

Marks : 50

Credit : 2

Objective :

- 1) To acquaint the students with basic of statistical data.
- 2) To help the students to understand the types of map scale.

Outcome :

At the end of the semester the students will be able to:

- 1) Understand the types of map scale.
- 2) Be able to use and analyze maps.
- 3) Understand the importance of map.
- 4) Understand the formation of Map scale

Syllabus :

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
- iii) Significance of Maps

Unit-III : Field Visit

- i) Visit to the geographically important place
- 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, Calcutta, 1997.
- 4) Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kalllyani Publishers, New Delhi. 1979

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B. A. (Competitive Examinations Programme – CEP)

Sem. : II

Class : B.A.F.Y. (CEP)

Sub : Geography

Paper Title : Climatology – III

Course Code : U-GEO-302

Lectures : 50

Marks : 50

Credit : 2

Objectives :

- 1) To introduce the students to the basic concepts in climatology.
- 2) To acquaint the students with the utility and application of climatology in different areas and environment.

Outcomes :

At the end of the semester the students will be able to:

- 1) Understand the basic concepts in climatology.
- 2) Understand the heat budget, cyclones, jet stream, composition of atmosphere etc.
- 3) Understand the world rainfall distribution.
- 4) Understand the formation of cyclone

Unit I) The atmosphere

- 1.1) Structure of atmosphere
- 1.2) Composition of atmosphere

Unit II) Distribution of temperature

- 2.1) Controls of temperature
- 2.2) Heat budget - Energy balance
- 2.3) Vertical and Horizontal distribution of temperature

Unit III) Atmospheric pressure and winds

- 3.1) Atmospheric pressure, pressure belts
- 3.2) Classification of winds
- 3.3) Cyclones
- 3.4) Jet stream

Unit IV) Atmospheric Moisture

- 4.1) Evaporation and humidity
- 4.2) Precipitation : Types and distribution

Reference Book :

- 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) Strahler, A.N. and Strahler, A.H.Modern Physical Geography, John Wiley and Sons, London.
- 6) ए.बी. सवदी, भूगोलाची मुलतत्वे : खंड पहिला, निराली प्रकाशन, पुणे.

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B. A. (Competitive Examinations Programme – CEP)

Sem. : II

Class : B.A. F.Y. (CEP)

Sub : Geography

Paper Title : Oceanography – IV

Course Code : U-GEO-303

Lectures : 50

Marks : 50

Credit : 2

Objectives :

- 1) To introduce the students to the basic concepts in oceanography.
- 2) To acquaint the students with the utility and application of oceanography in different areas and environment.

Outcomes :

At the end of the semester the students will be able to:

- 1) Understand the basic concepts in oceanography.
- 2) Understand the nature of ocean floor, ocean currents, sea waves etc.
- 3) Understand the ocean resources.
- 4) Understand the importance of ocean energy resources.

Unit I) Nature of ocean floor and bottom topography

- 1.1) Nature of ocean floor : continental shelf, continental slop, deep ocean basin and treanches
- 1.2) Bottom topography of atlantic
- 1.3) Bottom topography of pacific
- 1.4) Bottom topography of Indian ocean

Unit II) Ocean circulation

- 2.1) Oceanic currents
- 2.2) Sea waves
- 2.3) Tides

Unit III) Physical and chemical properties of sea water

- 3.1) Distribution of temperature
- 3.2) Distribution of salinity

Unit IV) Marine resource

- 4.1) Biological
- 4.2) Mineral resource
- 4.3) Energy resource

Reference Book :

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.विठ्ठल धारपुरे, सागर विज्ञान, पिंपळापूरे पब्लिकेशन, नागपूर
7. डॉ. शंकरराव शेटे : हवामानशास्त्र व सागरविज्ञान, अभिजित पब्लिकेशन, लातूर
8. ए.बी. सवदी, भूगोलाची मुलतत्वे : खंड पहिला, निराली प्रकाशन, पुणे.

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B. A. (Competitive Examinations Programme – CEP)

SEM - II

Class : **B.A. F.Y. (CEP)**

Sub. : **Geography**

Course Title : **Practical Geography –II (Lab Course)**

Course Code : **U-GEO-304**

Lectures : 45

Marks: 50

Credits :2

Objectives:

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.

Outcomes :

At the end of the semester the students will be able to:

- 1) Understand the methods of showing relief features, SOI topographical maps, profiles etc.
- 2) Use and analyze maps.
- 3) Understand the importance of toposheet map.
- 4) Draw landforms based on contour lines.

Unit – I : Methods of Showing Relief Features

- i) Hachures, ii) Form Lines, iii) Hill Shading, iv) Layer Tints,
- v) Spot Heights, vi) Bench Marks, 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 : SOI Topographical Maps

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

Unit – IV : Profiles

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

Reference Books :

1. Sharma, J.P. : Prayogik Bhoogol, Rastogi Publication, Meerath.
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, Calcutta. 1997.
5. Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kallyani Publishers, New Delhi. 1979.
