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

(Revised Syllabus with effect from June 2020)

Course : Geography

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

Sem.	Title of Paper	Course Code
I	INTRODUCTION TO GEOGRAPHY - I	U-GEO-203
I	GEOMORPHOLOGY - II	U-GEO-204
I	PRACTICAL GEOGRAPHY - I (LAB. COURSE)	U-GEO-205
II	CLIMATOLOGY - III	U-GEO-302
II	OCEANOGRAPHY - IV	U-GEO-303
II	PRACTICAL GEOGRAPHY - II (LAB.COURSE)	U-GEO-304

Rajarshi Shahu College (Autonomous), Latur

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

Semester - I

Sub : Geography

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

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

Credit : 3 **Lectures : 44** **Marks : 50**

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 :

1) Understand the standard time, local time, international date line.
2) Understand the basic concepts in Geography.

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

*****

Rajarshi Shahu College (Autonomous), Latur

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

Semester - I

Sub : Geography

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

Course Title : **Geomorphology - II**

Credit : 3 **Lectures : 42** **Marks : 50**

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 :

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.

Unit I) Factors controlling landform development

1) Endogentic and Exogentic 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.
9. A Test Book of Geography, Class VI to VIII, ICSE, New Delhi.
10. The Earth Our Habitat

******

Rajarshi Shahu College (Autonomous), Latur

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

Semester - I

Sub : Geography

Course Code : **U-GEO-205**

Course Title : **Practical Geography - I**

Credit : 2 **Lectures : 42** **Marks : 50**

Objective :

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

Outcome :

1) Understand the types of map scale.
2) Be able to use and analyze maps.

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, Culcutta, 1997.
4) Singh, R.L. and Dutt, P.K. : Elements of Practical Geography, Kalllyani Publishers, New Delhi. 1979

******

Rajarshi Shahu College (Autonomous), Latur

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

Sub : Geography

Sem. : II

Course Code : U-GEO-302

Paper Title : Climatology - III

Credit : 3 **Lectures : 42** **Marks : 50**

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 :

1) Understand the basic concepts in climatology.
2) Understand the heat budget, cyclones, jet stream, composition of atmosphere etc.

Unit I) The atmosphere

1) Structure of atmosphere
2) Composition of atmosphere

Unit II) Distribution of temperature

1) Controls of temperature
2) Heat budget - Energy balance
3) Vertical and Horizontal distribution of temperature

Unit III) Atmospheric pressure and winds

1) Atmospheric pressure, pressure belts
2) Classification of winds
3) Cyclones
4) Jet stream

Unit IV) Atmospheric Moisture

1) Evaporation and humidity
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.

*****

Rajarshi Shahu College (Autonomous), Latur

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

Sub : Geography

Sem. : II

Course Code : U-GEO-303

Paper Title : Oceanography – IV

Credit : 3 **Lectures : 42** **Marks : 50**

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 :

1) Understand the basic concepts in oceanography.
2) Understand the nature of ocean floor, ocean currents, sea waves etc.

Unit I) Nature of ocean floor and bottom topography

1) Nature of ocean floor : continental shelf, continental slop, deep ocean basin and treanches
2) Bottom topography of atlantic
3) Bottom topography of pacific
4) Bottom topography of Indian ocean

Unit II) Ocean circulation

1) Oceanic currents
2) Sea waves
3) Tides

Unit III) Physical and chemical properties of sea water

1) Distribution of temperature
2) Distribution of salinity

Unit IV) Marine resource

1) Biological
2) Mineral resource
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 घारपुरे, 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.

*****

Rajarshi Shahu College (Autonomous), Latur

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

Course Title : **Practical Geography**

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

Paper No.: **Practical Geography -II**

Max. Marks: 50 **Credits :02** **Total Lectures : 50** **Practical :15**

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 :

1) Understand the methods of showing relief features, SOI topographical maps, profiles etc.
2) Be able to use and analyze maps

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, 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.

****