

## B.A. Syllabus in Geography

### SEMESTER- I

Theory Paper –I : Geomorphology (w.e.f. 2014-15)

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|---------------------|---|---|
| 1) Course Structure | : | One Theory and One Practical.                               |
| 2) Teaching Theory  | : | Five Hours Per Week.  |
| 3) Practical        | : | Four Hours Per Week,  |
| 4) Examination      | : | 1) One Theory of 80 marks and 20 marks internal Assessment. |
- 2) One Practical of 30 marks of Four Hours duration including 5+5 marks for journal & Viva- voce Internal Assessment 10 marks.

**Unit- I** Nature and scope of Physical Geography, Solar System, Origin of the Earth: 1) Nebular Theory  
2) Tidal Theory 3) Big Bang Theory. Interior of the Earth, (15 Hrs)

**Unit-II** Rock formation and types of rocks. Earth Movement: Folds, Faults and related landforms.  
Types Landforms (15 Hrs)

**Unit-III** Earthquake and Volcanoes: Origin, effects and distribution of Earthquake and Volcanoes.  
Wagner's Continental Drift Theory. (8 Hrs)

**Unit-IV** Weathering: Physical, Chemical and Biological weathering. Denudation Agents Work of river, Glacier, Underground water and wind, (12 Hrs)

Books for reference:

- |                       |   |                            |
|-----------------------|---|----------------------------|
| 1) Physical Geography | : | Strawer and Strawer        |
| 2) Physical Geography | : | Savindra Singh             |
| 3) Physical Geography | : | Majid Hussain              |
| 4) Physical Geography | : | Das Gupta and Kadpoor      |
| 5) Physical Geography | : | P.Mallappa (Kannada)       |
| 6) Physical Geography | : | Ranganath (Kannada)        |
| 7) Physical Geography | : | S.S.Najannanavar (Kannada) |
| 8) Physical Geography | : | M.B.Goudar (Kannada)       |

**B.A. Syllabus in Geography**  
**SEMESTER- I**

PRACTICAL:- Paper- I scales

1.1 Definitions of scale and types of scale (4 Hrs)	2 Marks
1.2 Conversion of R.F. TO V.S and V.S to R.F. (20 Exercise each) (25 Hrs)	8 Marks
1.3 Construction Scale: 1) Graphical Scale 2) Comparative Scale 3) Time Scale 4) Pace Scale 5) Diagonal Scale (Each 5 Exercise) (25 Hrs)	15 Marks.
1.4 Distance Calculation: with Opisometer (5 Exercise) (8 Hrs)	5 Marks
1.5 Viva Voce and Journal	5+5 Marks
1.6 Internal Assessment.	10 Marks

Books for reference:

- |                                    |   |                   |   |
|------------------------------------|---|-------------------|---|
| 1) Fundamental of Cartography      | : | Rmaesh and Mishra |   |
| 2) Elements of Practical Geography | : | R.L. Singh.       | : |
| 3) Practical Geography             | : | Negi              |   |
| 4) Practical Geography(Kannada)    | : | S.S. Najannavar   |   |

## B.A. Syllabus in Geography

### SEMESTER- II

Theory Paper –I : Climatology and Oceanography (w.e.f. 2014-15)

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|----------------------------|---|---|
| 1) Course Structure        | : | One Theory and One Practical.   |
| 2) Teaching Theory         | : | Five Hours Per Week.  |
| 3) Practical               | : | Four Hours Per Week,  |
| 4) Examination Assessment. | : | 1) One Theory of 80 marks and 20 marks internal<br>2) One Practical of 30 marks of Four Hours duration including 5+5 marks for journal & Viva- voce Internal Assessment 10 marks. |

**Unit- I** Nature and scope of Climatology, Atmospheric structure and composition. Elements of weather and climate.

(10 Hrs)

**Unit-II** Insulation, horizontal and vertical distribution of Temperature. (10 Hrs)

**Unit-III** Atmospheric pressure: World pressure zone. Winds and types (10 Hrs)

**Unit-IV** Atmospheric moisture: Humidity, Absolute, Relative and specific Humidity and types of rainfall.

**Unit – V** Climatic zones of the world (06 Hrs)

**Unit- VI** Distribution of land and water. Bottom relief of the ocean, Temperature and Salinity of the Ocean (10Hrs)

**Unit- VII** Ocean Currents: Atlantic, Pacific and Indian Ocean Currents (08 Hrs)

**B.A. Syllabus in Geography**  
**SEMESTER- II**

PRACTICAL:- Paper- II Maps and Relief.

- |   |           |
|---|-----------|
| 1. Definitions types and uses of Maps (10 Marks)  | 08 Hrs    |
| 2. Methods of Enlargement and Reduction of Map by Graphical method and Triangular method  |           |
| 2 Experiment each   | (10Hrs)   |
| 3. Representation of Relief by different method   | (32 Hrs)  |
| 1) Contour diagrams with cross profiles: Hills and slopes, plateau, Mesa Escarpment, Spur |           |
| 2) Types of valley: U shaped, V shaped valley, Gorge and Hanging valley.                  |           |
| 3) Volcano with crater, Water fall, Rapids, Cirque, Saddle and Pass                       |           |
| 4. Viva voce and Journal  | 5+5 Marks |
| 5. Internal Assessment  | 10 Marks  |

Books for Reference:

- 1) Elements of Practical Geography : R.L.Singh
- 2) Practical Geography : Gopal Singh.
- 3) Practical Geography : Dr Rangnath.
- 4) Practical Geography : R P Mishra and Ramesh.
- 5) Practical Geography : S.S. Najannavar.

Note:

- 1) Practical are to be conducted in batches each batch consists of 15 students with one teacher of between 16-27 students with two teachers. In case if student's number is below 15 is also considered as one batch with one teacher.
- 2) Each batch (depend on the number of students) must be supervised by one / two teachers covering instructions supervision of practical s and correction of records.

It is applicable to all semester.