

## 16. Geography

**B.A. / B.Sc. Geography-I**

**Total Mark: 100**

### **Appendix 'A'**

#### **(Outlines of Tests)**

Physical & Human Geography : 100 Marks

### **Appendix 'B'**

#### **(Syllabi and Courses of Reading)**

**Physical & Human Geography**

**100 Marks**

#### **Section-I: Physical Geography**

##### **1. The Earth and its Origin:**

The universe, the solar system and the earth. Earth's origin, shape and size, rotations and revolution, composition and structure, distribution of land and water, Earth's geological history: origin and evolution of life on Earth.

##### **2. Atmosphere:**

Composition and structure of Atmosphere, Atmosphere temperature and pressure, Winds and global circulation, Air masses and fronts.

Cyclones and weather disturbances, Atmospheric moisture and precipitation, Climatic classification: Koppen's classification with special reference to the following types: Af, Am, Bsh, Ds and Df.

##### **3. Litosphere:**

Internal Structure of the Earth, Rocks Origin, formation and types, (Igneous, Sedimentary and Metamorphic), Plate Tectonics, Mountain building, earth quakes, volcanic activity, Geomorphic processes-internal and external, Weathering, mass wasting, erosion and deposition, cycle of erosion, Landform produced by surface water, ground water, wind and glaciers, Formation and types of soils.

##### **4. Hydrosphere:**

Configuration of ocean floor, Ocean deposits, Composition, temperature, and salinity of ocean water, Movements of the oceanic water : waves, currents and tides.

#### **Section-II: Human Geography**

##### **(a) Man-environment Interaction:**

Themes of environmental determinism, possibilism and perception

##### **(b) Population:**

Distribution, age and sex structure. Population change (natural increase and migration).

**(c) Settlements:**

Rural, urban: location, form and function of settlements, Central Place Theory.

**(d) Economic Activity:**

Locational characteristics or primary, secondary, tertiary and quaternary activities

**(e) Environmental Problems:**

Ecosystem and Environmental degradation

*Note: There will be two parts in paper "A" The students will be required to attempt at least two questions from each part. Each question will carry equal marks.*

**Recommended Books:**

1. TAYLOR. J (1993) *Integrated Physical Geography London, Longman*
2. THORNBURY. W. (1991) *Principles of Geomorphology New York, John Wiley*
3. MCILVERN, J.F.R (1991) *Fundamentals of Weather and Climate London Chapman & Hall*
4. MONKHOUS, J.F. (1988) *Principles of Physical Geography London: Holder & Stoughton*
5. STRAHLER A.H. & STRAILER. A.N. (1987) *Modern Physical Geography 4<sup>th</sup> Ed. New York, John Wiley*
6. MILLER E.W. (1985) *Physical Geography Columbus. Charles E. Merrill*
7. KIMNG C.A.M (1980) *Physical Geography Oxford. Basil Blackwell*
8. TRIWARTH GT (1967) *Physical Elements of Geography 5<sup>th</sup> Ed. New York, McGraw Hill*
9. ROBINSON, A.H. HAMMOND, E.H. DE BLIJ, H.J & MULLER P.O. (1993) *Physical Geography of the Global Environment New York, John Wiley*
10. GOUDIE (1994) *The Human Impact on the Natural environment Oxford. Basil Blackwell*
11. HORNE. B. (1993) *The Integrated Human Geography London, Longman*
12. GREGORY. D & NALFORD, R. (1992) *Horizons in Human Geography London, Macmillan*

13. BARRETT,H (1992) Population Geography  
*London. Longman*
14. BREADFORD, (1986) Human Geography OUP  
M.G. and KENT W.A
15. ROBINSTEN, J.M. (1983) The Cultural Landscape; An Introduction  
BARCON, R.S to Human Geography, *New Delhi Prentice Hall*
16. DEBLIJ, H.J. (1982) Human Geography New York,  
John Wiley
17. DE BLIJ, H.J (1996) Human Geography 5<sup>th</sup> Ed. New York,  
John Wiley