

**ASSOCIATE DEGREE IN ARTS AND SCIENCE**

**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. Lithosphere:**

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:**

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

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

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