

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 of 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.