

Bs/EVS C-3T

2026

(FYUGP)

(2nd Semester)

ENVIRONMENTAL SCIENCE

(MAJOR)

Paper : EVS C-3T

(Water and Water Resources)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

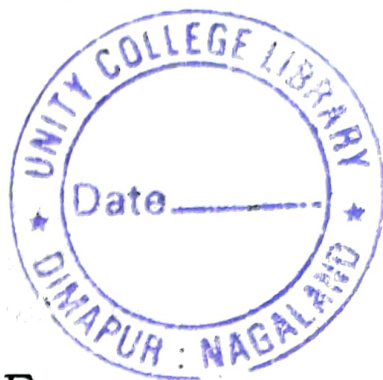
The questions are of equal value.

1. Differentiate between surface water and ground-water. Examine aquifers with reference to their significance.

Or

Outline and evaluate the techniques for ground-water recharge and their importance in water sustainability.

2. Elucidate the biological characteristics of water with reference to phytoplankton, phyto-benthos and zooplankton.



Or

Define and analyze watersheds and drainage basins, highlighting their roles in water resource management.

3. Critically review the National Water Policy of India and the Indus Waters Treaty.

Or

Examine the principles of river basin management and Integrated Water Resources Management (IWRM).

4. Assess flood management strategies and analyze the ecological and economic impacts of the National River Linking Project.

Or

Evaluate large dams in India with special reference to the Narmada and Tehri projects.

5. Analyze international water sharing conflicts involving India and its neighbouring countries.

Or

Discuss the role of public participation and community-based management in water conflict resolution.

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