



Bs/EVS C-3T

2025

(FYUGP)

(2nd Semester)

ENVIRONMENTAL SCIENCE

(MAJOR)

Paper : EVS C-3T

(Water and Water Resources)

Full Marks : 75

Pass Marks : 40%

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Write a detailed note on the biological components of water. 15

Or

Mention the types of water based on physical, chemical and biological classification. Also, explain alkalinity of water. 10+5

2. What are the objectives and benefits of watershed management? Elucidate on the key watershed management strategies. (5+5)+5

Or

What are the factors affecting the water table?
Explain the vertical distribution of ground-water with a labelled diagram. 5+10

3. State the functions of wetlands. Elaborate on the types of freshwater and marine wetlands. 5+(5+5)

Or

What are the types of marine resources? Provide details on MPAs (Marine Protected Areas), their benefits and global examples of MPAs. 5+10

4. What are the causes and impacts of overuse of surface water? State some measures to prevent overuse of surface water. 10+5

Or

Mention the objectives and key provisions of the Water Act, 1972. Also, elaborate on the impacts and implementation challenges. 10+5

5. Write notes each on three multipurpose river valley projects in India. Mention the advantages and disadvantages of multipurpose river valley projects. 9+6

Or

Attempt a note on any three conflicts on water sharing between India and her neighbouring countries. 5+5+5

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