Environment & Ecology · GS - III

Discuss the major causes of pollution in the Yamuna River and suggest a sustainable strategy for its rejuvenation.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 22/10/2026	GS - III	Environment & Ecology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Untreated sewage, industrial effluents, STPs, urban governance, environmental monitoring, inter-state coordination, public participation.

Model Answer

Introduction

The Yamuna is an important river for northern India, but sewage discharge, industrial pollution and inadequate wastewater management have severely affected its water quality, particularly in urban stretches.

Main Body

Major Causes

1. Discharge of untreated or inadequately treated domestic sewage.
2. Industrial effluents containing harmful pollutants.
3. Inadequate sewer networks and treatment capacity.
4. Solid waste dumping and weak enforcement of pollution-control norms.

Measures for Rejuvenation

1. Expand and properly operate sewage treatment plants.
2. Connect unauthorised and unsewered settlements to effective wastewater systems.
3. Enforce industrial effluent standards and penalise violations.
4. Monitor water quality through transparent, regular reporting.
5. Improve coordination among Delhi, Haryana, Uttar Pradesh and relevant central agencies.
6. Encourage community participation and prevent waste dumping.

Conclusion

Yamuna rejuvenation requires sustained pollution prevention, reliable sewage infrastructure and accountable governance. Success should be measured through improvements in water quality and ecological health, not merely by announced deadlines or visible surface cleaning.

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