

2025

M.Sc. 3rd Semester Examination
GEOGRAPHY

Paper : GEO - 301

(Environmental Engineering)

Full Marks : 25

Time : One Hour

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *two* questions : $2 \times 2 = 4$

1. What is meant by oxidation pond?
2. Name the heavy metals found in the municipal waste.
3. What is aerodynamic diameter?
4. How can the particulate matter be arrested from the thermal power stations?

Group - B

Answer any *two* questions : $4 \times 2 = 8$

5. Write the working principle of settling tank with proper diagram.
6. Specify the impacts of noise on biota.

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7. Classify the primary particulate matter based on its sources.
8. Discuss the coupled cycle of O_3 and NO_2 in the atmosphere.

Group - C

Answer any *one* question : $8 \times 1 = 8$

9. Illustrate the principles and steps of environmental restoration with special reference to river restoration.
10. What are the parameters for assessing the IAQ? Discuss the strategies to deal with the IAQ issues in India.

Internal Assessment : 5 marks
