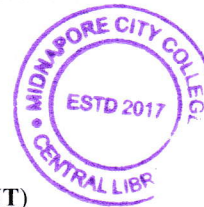


PG (CBCS)
M.SC. Semester- IV Examination, 2026
ZOOLOGY
 PAPER: ZOO 401
(ENVIRONMENTAL POLLUTION & MANAGEMENT)

**Full Marks: 20****Time: 1 Hour**

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

GROUP-A

Answer any **TWO** of the following questions: 2×2=4

1. What is the difference between point-source and non-point source pollution?
2. What is Biosafety? Write down its significance.
3. How would you distinguish between primary and secondary pollutants?
4. What do you mean by erosion? Why does it occur?

GROUP-B

Answer any **TWO** of the following questions: 2×4=8

5. Enumerate the advantages of biomonitoring over chemical monitoring.
6. Write a note on Chipko movement mentioning its significance.
7. Mention the criteria for nominating an invasive species. Highlight harmful impacts of bio-invasion.
8. What are GMOs? Write down the explanatory note on "Cartagena Protocol" of biosafety.

GROUP-C

Answer any **ONE** of the following questions: 1×8=8

9. What is photochemical and industrial smog? Describe the reactions involved in the process of photochemical smog formation. 2+2+4
10. What are the fundamentals of Environmental Management? How can we accomplish conservation of natural resources? 4+4

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