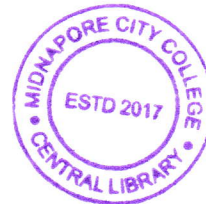


**PG (CBCS)**  
**M.SC. Semester- IV Examination, 2026**  
**ZOOLOGY**  
**PAPER: ZOO 406B**  
**(HUMAN ECOLOGY)**

**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. Outline the origin and effects of 'photochemical Smog'.
2. What are the primary objectives of watershed management?
3. What do you mean by thermal inversion?
4. Illustrate the colour coding system for segregating biomedical waste.

**GROUP-B**

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

5. Briefly discuss the process of wasteland reclamation.
6. Citing the example of Arabari write a note on joint forest management.
7. State the objective of ecomark scheme and mention the criteria for awarding Eco mark.
8. Explain the consequences of coastal aquaculture development in West Bengal with special reference to bioinvasion. What is NARM?

**GROUP-C**

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

9. What is EIA? Discuss the different steps in EIA. Enumerate the factors accounting for global environmental problems. 1+5+3
10. Write notes on any two: 4+4
  - i) Carbon sequestration
  - ii) Cryptogenic species & Casual species
  - iii) Photochemical smog
  - iv) Source and environmental impact of domestic waste

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