

[illegible]

**Total No. of Questions : 09**

## ENVIRONMENTAL SCIENCE

**Paper ID : [A1109]**

**Max. Marks : 60**

1. SECTION-A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. SECTION - B & C. have **FOUR** questions each.
3. Attempt any **FIVE** questions from SECTION B& C carrying **EIGHT** marks each.
4. Select atleast **TWO** questions from SECTION - B & C.

## SECTION-A

**1. Write briefly :**

- (a) What is meant by homeostasis?
- (b) Who defined the term sustainable development?
- (c) What is climate, weather and rain?
- (d) What is soil?
- (e) What are the functions of an ecosystem?
- (f) What are biotic factors?
- (g) What is biotic potential?
- (h) What is endemism?
- (i) What are wetlands and their basic attributes?
- (j) What is bio-magnification?

### SECTION-B

2. Give a brief account of how human civilization has been playing havoc to the environment, tracing the details from the agricultural revolution upto present day.
3. What are the causes and effects of deforestation? What are the conservation methods you suggest?
4. What are the various soil conservation methods?
5. Give a detailed account of how the transfer of energy and materials are taking place continuously while the ecosystem continues to be stable.

### SECTION-C

6. What is meant by extinction? Give your answer with illustrative examples.
7. What are the various methods adopted to prevent water pollution? Discuss.
8. What is an environmental impact assessment? Describe the process in details.
9. *"Human revolution has degraded the environment in a big way"*. Discuss.