

# **M.Sc.-Biotech.-IVS-(4.1)**

**2017**

Full Marks : **40**

Time : **2 Hours**

*All questions carry equal marks*

*Answer any **four** questions*

## **( ENVIRONMENTAL BIOTECHNOLOGY )**

1. Give an account of the concept and dynamics of ecosystem.
  2. Describe air pollution and its control through Biotechnology.
  3. Write short notes on the following :
    - (a) Limitations in environmental management.
    - (b) Waste water treatment by chemical processes.
  4. Give an account of treatment schemes for waste waters of distillery and tannery industries.
  5. Write short notes on the following :
    - (a) Oxidation ditches.
    - (b) Rotating discs.
  6. Explain the role of Genetically Engineered Organisms in pollution abatement.
  7. Write short notes on the following :
  8. Describe the constraints and priorities of Bioremediation.
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