

**V.P.& R.P.T.P.SCIENCE COLLEGE**  
**B.Sc (Semester VI) EXAMINATION Mar'14**  
**MICROBIOLOGY**  
**US06CMIC05**  
**(Agricultural and Environmental Microbiology)**



Friday- 14.03.14  
3.30 - 5.00 P.M.

TOTAL MARKS: 30

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N.B. (i) Attempt all questions. (ii) Marks are indicated on the right side.

- Q.1. Attempt any three of the following. (06)
- a) What is 'Thuricide'?
  - b) Give two examples of pelleting agents.
  - c) What is 'Doom' and what does it consist of?
  - d) What is 'Customblen'?
  - e) What is Bioremediation?
  - f) Name one 'green product' produced by using microorganism.  
Give its significance.
- Q.2. Write a note on bacterial insecticides. (08)
- OR
- Q.2. Describe the structure and mechanism of nitrogenase. (08)
- Q.3. How is bioleaching used for the recovery of copper?  
Explain the biochemistry of the same. (08)
- OR
- Q.3. Write a note on bioremediation of chlorinated compounds and petroleum hydrocarbons. (08)
- Q.4. What is Biomagnification? Explain its impact with a suitable example. (08)
- OR
- Q.4. What is ABS? How did they produce environmental problems?  
Also explain how it can be resolved. (08)
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