

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

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)
