DRR-1829
M. Sc. Integrated Biotechnology (Sem. VI)
Examination
March / April - 2016
Environmental Biotechnology : (Core-1, Course-)
(Old Course)

Time : 2 Hours] [Total Marks : 50

Instruction :

(1) Figures to the right indicate full marks.
(2) Draw neat and labelled diagrams wherever necessary.
(3) Do as Directed : (Any Four) 8

(1) Write the principles of Bioremediation.
(2) Write the types of biopolymers.
(3) Define the term Phytostabilization & its uses.
(4) Discuss about the metal precipitation.
(5) Mention the Chemical characteristics of Vermicompost.

2 Answer the following : (Any Two) 14

(1) Describe design of any two Biogas Digester.
(2) Write the Production of Ethanol.
(3) Define renewable energy and write the examples of renewable energy.
3 Discuss the following in detail: (Any Two)

(1) The Properties and Practical applications of PHA.
(2) Characteristics of waste water.
(3) Energy resources.

4 Write on: (Any Two)

(1) Methods of Bioleaching.
(2) Abatement of Air pollution.
(3) USAB and Anaerobic baffled reactor.