

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

BRDM (2014 & Onwards) (Sem.-4)

## MANAGEMENT OF LAND AND WATER RESOURCES

Subject Code : BBA-425

M.Code : 72778

Time : 3 Hrs.

Max. Marks : 60

### INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B consists of FOUR Sub-sections : Units-I, II, III & IV.
3. Each Sub-section contains TWO questions each, carrying TEN marks each.
4. Student has to attempt any ONE question from each Sub-section.

### SECTION-A

1. Write short notes on :

- a. Soil fertility
- b. Mulching
- c. Soil texture
- d. Field capacity
- e. Weed
- f. Life saving irrigation
- g. Water conservation
- h. Soil structure
- i. Vermicompost
- j. Fertilizers

## SECTION-B

### UNIT-I

2. Define Agronomy. Write down the principles of Agronomy.
3. Define green manuring. Write down the advantages and disadvantages of green manuring.

### UNIT-II

4. How to cope environmental stress?
5. Write a short note on soil classification.

### UNIT-III

6. Discuss the damages caused by soil erosion.
7. Define compost. Discuss different methods of compost formation.

### UNIT-IV

8. Discuss various low cost technologies for land and water management.
9. Define soil. Discuss soil formation processes and their factors.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.