

Roll No.

Total No. of Pages : 02

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B.Sc. (Environmental Sciences) (Sem.-5)

ENVIRONMENTAL AGRICULTURE

Subject Code : BSEN503-20

M.Code : 92590

Date of Examination : 23-12-22

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 contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. Write briefly :
- a) Soil organic matter
 - b) Soil salinity
 - c) Sprinkler irrigation
 - d) Biomass fuels
 - e) Bio-fertilizers
 - f) Organic farming
 - g) Zero Tillage
 - h) Drainage
 - i) Weed
 - j) Bio-pesticide.

SECTION-B

2. Discuss significance of organic farming.
3. Describe soil acidification.
4. Discuss the advantages and disadvantages of Green manuring.
5. Describe Bio-pesticides in detail and their use in present day agriculture.
6. Define bio-fertilizers? Discuss the advantages of Bio-fertilizers.

SECTION-C

7. Differentiate Organic farming and Natural farming. Discuss scope of organic farming.
8. Discuss major problems associated with soils. Write down various conservation measures.
9.
 - a) What do you mean Ecological farming, Greenhouse culturing and Urban agriculture?
 - b) What do you mean by pollution of water bodies and ground water, their causes and maintenance?

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.