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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Agriculture) (Sem.-4)

PROBLEMATIC SOILS AND THEIR MANAGEMENT

Subject Code : BSAG-404-19

M.Code : 79743

Date of Examination : 20-12-2022

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) Acidic soils
- b) Soil health
- c) Lime material
- d) Saline soils
- e) Gypsum material
- f) Problematic soils
- g) Eroded soil
- h) Remote sensing
- i) Flooded soil
- j) Compact soils

SECTION-B

2. Discuss various factors responsible for formation of saline soils.
3. Explain how continental, marine and deltaic cycles effect formation of salt affected soils.
4. Discuss different types of salt affected soils of India.
5. Explain land suitability classification.
6. Explain genesis, occurrence and characterization of acidic soils.

SECTION-C

7. How industrial waste is beneficial amendment for reclamation of acidic soils?
8. Explain GIS in diagnosis and management of problem soils.
9. Explain genesis, occurrence and characterization of compact soils.

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.