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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (Agriculture Engineering) (Sem.-3)

WASTE LAND DEVELOPMENT

Subject Code : BTAG-304-19

M.Code : 78590

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**Write briefly :**

- 1) Arid regions
- 2) Marginal lands
- 3) Gully erosion
- 4) Sand dunes
- 5) Forage crops
- 6) Terrace farming
- 7) Saline and alkali soils
- 8) Floods
- 9) Check dams
- 10) Water logged soils

SECTION-B

- 11) Explain land degradation concept.
- 12) Afforestation through agroforestry interventions.
- 13) Reclamation of degraded lands.
- 14) Extent of problematic soils in India.
- 15) Shifting cultivation and its effects.

SECTION-C

- 16) What do you mean by wastelands? Classify the wastelands. Explain the factors responsible for its formation.
- 17) Discuss in detail various land and water conservation structures.
- 18) What are the advantages of micro-irrigation? How it is useful under changing climatic conditions and increasing population?

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.