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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Hons. (Agriculture) (Sem.-2)

SOIL AND WATER CONSERVATION ENGINEERING

Subject Code : BSAG-203-19

M.Code : 77664

Date of Examination : 17-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION 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. Answer briefly :

- a) Contour bund
- b) Soil erosion
- c) Water harvesting
- d) Water erosion
- e) Graded bund
- f) Soil Conservation
- g) Water Conservation
- h) Gully erosion
- i) Principles of erosion
- j) Bench terracing.

SECTION-B

2. Explain in detail about the soil loss measurement techniques.
3. Describe different mechanics of wind erosion.
4. Write different types of water erosion.
5. Explain detail about the graded bunds and bench terracing.
6. Explain principles of erosion control.

SECTION-C

7. Describe soil loss estimation by universal Loss Soil Equation.
8. Explain water harvesting and its techniques.
9. Discuss about the grassed water ways and their design.

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.