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Total No. of Questions : 09

B.Sc. (Agriculture) (2014 & Onwards) (Sem.-6)

CROP RESIDUE MANAGEMENT

Subject Code : BSAG-601

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

Q1. Write short notes on :

- a) Conservation tillage
- b) Agriculture
- c) Jethrotull
- d) Weed hoeing husbandry
- e) C:N ratio
- f) Environmental pollution
- g) Soil fertility
- h) Zero tillage
- i) In-situ incorporation
- j) Brown manuring

SECTION-B

- Q2 Discuss recent technology used for conservation of agriculture.
- Q3 Discuss the problems of rice residue burning.
- Q4 Discuss the procedure for mushroom production using rice residues.
- Q5 Discuss the effect of rice residue incorporation on crop yield.
- Q6 Discuss the alternate methods of sickle cut rice residue management.

SECTION-C

- Q7 Define residue management. How residues are decomposed in soil? Write down the amount of gases produced from one tone.
- Q8 Discuss the advantages of crop residue incorporation on crop and soil productivity.
- Q9 Discuss the soil health indicators of sustainable agriculture.

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.