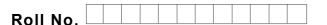
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Total No. of Pages : 02

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 :**

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks 1. each.
- SECTION-B contains FIVE questions carrying FIVE marks each and students 2. have to attempt any FOUR questions.
- SECTION-C contains THREE questions carrying TEN marks each and students 3. have to attempt any TWO questions.

### **SECTION-A**

#### **Q1**. Write short notes on :

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



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#### **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.