

**Total No. of Questions : 09**

## CROP RESIDUE MANAGEMENT

**Time : 3 Hrs.**

**Max. Marks : 60**

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.

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**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.**