

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 18

B.Sc. (Agriculture) (2014 to 2018) (Sem.–6)

**CROP RESIDUE MANAGEMENT**

Subject Code : BSAG-601

M.Code : 74344

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 short notes on :**

1. Sustainable agriculture
2. C:N ratio
3. Zero tillage
4. Green manuring
5. Mulching
6. Gross cropped area
7. Cropping intensity
8. Biochar
9. Soil production and productivity
10. Mineralization

### **SECTION-B**

11. Discuss the adverse consequences of on-farm burning of crop residues.
12. What are the techniques used for resource conservation in Punjab agriculture.
13. Explain the recent technologies for conservation agriculture.
14. What are the beneficial effects of crop residues on soil health?
15. Discuss the policy options for efficient residue management in Punjab.

### **SECTION-C**

16. Discuss the scope, principles and constraints of conservation agriculture.
17. Discuss the on farm and off-farm management of rice residues.
18. Explain the crop residue management in rice-wheat cropping system.

**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.**