Roll No. | | | | | | | | | | | | **Total No. of Pages : 02**

Total No. of Questions : 09

B.Voc. (Agriculture)(Sem.–6)

CROP RESIDUE MANAGEMENT

Subject Code :BVAG601-18

M.Code : 79427

Date of Examination : 02-07-22

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

1. Write briefly :

a. C: N ratio

b. Conventional tillage

c. Jethrotull

d. Super seeder

e. Soil productivity

f. Ergonomics

g. Permanent Bed Planting

h. In-situ incorporation

i. Agricultural eco system

j. Weed hoeing husbandry.

SECTION-B

2. Discuss recent technology used for conservation agriculture.

3. Define immobilization. Discuss the role of microbes in rice residues decomposition.

4. Discuss long term impact of rice residue incorporation on soil and crop productivity.

5. Discuss the impact of crop residues on pests.

6. Discuss the uses of Super seeder SMS.

SECTION-C

7. Define residue management. How residues are decomposed in soil. Discuss beneficial effects of crop on social and environmental concerns.

8. a) Define crop residue management. Discuss crop residue in relation to agricultural eco-system and conservation agriculture.

   b) Discuss various challenges for diversified use of crop residues in high intensity areas like Punjab. Also discuss significance of crop residue management.

9. Discuss different Laws and legislation for efficient crop residues management. How rice residues are used for bio gas generation, discuss.Discuss relevance of conservation agriculture under changing climatic conditions.

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.