

MA/M.Sc. RURAL DEVELOPMENT  
SECOND SEMESTER [SPECIAL REPEAT]  
INTRODUCTION TO CROP PRODUCTION  
MRD – 202

**SET  
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1.30 hrs.

Full Marks: 35

Time: 15 mins.

**(Objective)**

Marks: 10

*Choose the correct answer from the following:*

*1 × 10 = 10*

1. Agronomy is the branch of Agriculture Science which deals with the principles and practices of
  - a. Crop production
  - b. Fish production
  - c. Animal production
  - d. Silk production
2. The word Agronomy consist of two ..... words
  - a. Portuguese
  - b. Greek
  - c. Indian
  - d. Roman
3. SRI known as
  - a. System of Rice Intensification
  - b. System of Rice Identification
  - c. System of Rice Inculcation
  - d. System of Rice Inoculation
4. .... is the father of Tillage
  - a. Paul Leagans
  - b. Berlo
  - c. Shanon
  - d. Jethrotull
5. .... is the good physical condition of soil after tillage in relation to plant growth.
  - a. Teolin
  - b. Teolian
  - c. Tilth
  - d. Tilian
6. Azolla is an
  - a. Aquatic fern
  - b. Aquatic fauna
  - c. Forest fauna
  - d. Forest fern
7. Basically, an Algae named ..... is present in the leaves of Azolla
  - a. Anabeno azollae
  - b. Anabena azollae
  - c. Anabene azollae
  - d. Anaben azollae
8. The algae, capable of fixing atmospheric ..... which is fruitfully used by the plants
  - a. Hydrogen
  - b. CO<sub>2</sub>
  - c. Oxygen
  - d. Nitrogen

9. Azolla, mostly used as a green manure in the
- a. Rice field
  - b. Maize field
  - c. Wheat field
  - d. Barley field
10. Nitrogen promotes
- a. root growth
  - b. fruit growth
  - c. leaf growth
  - d. flower growth
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**(Descriptive)**

Time : 1 Hr. 15 Mins.

Marks : 25

[ Answer question no.1 & any two (2) from the rest ]

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|----|----|--|--------|
| 1. | a) | What is SRI?   | 2+3=5  |
|    | b) | What are the differences between Conventional Paddy Cultivation and SRI? |        |
| 2. | a) | Define Agronomy.   | 5+5=10 |
|    | b) | Give an account on Classification of Crops.                              |        |
| 3. | a) | Define Azolla.   | 5+5=10 |
|    | b) | What are steps are taken to fill up the Azolla tanks?                    |        |
| 4. | a) | Define Relay Cropping with an outline of this method.                    | 7+3=10 |
|    | b) | What is Multiple Cropping method?  |        |
| 5. | a) | What is Tillage?   | 5+5=10 |
|    | b) | What are the objectives of Tillage?                                      |        |

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