

MA/M.Sc. RURAL DEVELOPMENT
SECOND SEMESTER
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. CO₂
 - 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

(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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