MA/M.Sc. RURAL DEVELOPMENT
SECOND SEMESTER
INTRODUCTION TO CROP PRODUCTION
MRD – 202
[USE OMR SHEET FOR OBJECTIVE PART]

SET
A

Duration: 1.30 hrs.

Full Marks: 35

[**Objective**]

Time: 15 mins.

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 fruitfullyused by the plants
    a. Hydrogen   b. CO_2
    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]

1. a) What is SRI?
    b) What are the differences between Conventional Paddy Cultivation and SRI?

2+3=5

2. a) Define Agronomy.
    b) Give an account on Classification of Crops.

5+5=10

3. a) Define Azolla.
    b) What are steps are taken to fill up the Azolla tanks?

5+5=10

4. a) Define Relay Cropping with an outline of this method.
    b) What is Multiple Cropping method?

7+3=10

5. a) What is Tillage?
    b) What are the objectives of Tillage?

5+5=10

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