

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(Hons)(Agriculture)(2019 Batch) (Sem.-1)

FUNDAMENTALS OF AGRONOMY

Subject Code : BSAG-105-19

M.Code : 76928

Date of Examination : 18-01-2023

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) Intercropping
 - b) Physiological maturity
 - c) Multiple cropping
 - d) Conservation tillage
 - e) Agriculture
 - f) Intercultural operations
 - g) Crop weed competition
 - h) Relay cropping
 - i) Tilt
 - j) Crop geometry.

SECTION-B

2. Define Agronomy, write its relations with other sciences.
3. Define Crops; classify the crops according to economic importance alongwith suitable examples.
4. Define Irrigation. Also, discuss the important methods of irrigation.
5. Write a detailed note on methods of weedicide application. What precautions are taken while selecting nozzle for insecticide and weedicide spray.
6. Write down a short note on minimum tillage. Discuss principles of conservation tillage.

SECTION- C

7.
 - a) Define green manuring. Write down important characteristics of a good green manuring crop.
 - b) Write the name of two green manuring crops. Write down the effect of organic manures on soil.
8. Define weeds. Discuss weed classification and concept of weed management.
9. Discuss various ways involved in the maintenance of soil health.

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.