



End Semester/Reappear (Semester I) Examination December 2022

Programme: B. Sc. (Hons.) Agriculture

Course: Fundamentals of Agronomy

Course Code: 13A.109

Enrollment No: _____

Full Marks: 50

Time: 2 Hrs.

Section I

1. Short Answer type questions. Answer any four.

4 x 5 = 20

- a. Explain the various factors influencing tillage with the purpose of tillage.
- b. How will you classify the herbicides?
- c. What do you mean by Weed? Write the characteristics of weed in brief.
- d. Mention the nutrient components of vermicompost.
- e. Tabulate the salinity classes of irrigation water.
- f. Differentiate between annual and perennial weeds with suitable examples.

Section II

Long answer type questions. Answer any two.

2 x 15 = 30

2. What characteristics are contained in a good cropping scheme? Prepare a good cropping scheme for a well managed 12 hectare land in Ranchi District.
3. State and explain the various methods of sowing.
4. Define integrated weed management. Briefly discuss integrated weed management practices.
5. Explain the types of plant ideotypes in detail. Discuss the plant ideotypes of rice, wheat, and maize.
