



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

FIFTH SEMESTER – NOVEMBER 2023

UPB 5601 – PRINCIPLES OF AGRICULTURE

Date: 16-11-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART – A

(10 x 2 = 20 Marks)

Answer the following, each within 50 words.

1. Define Agriculture.
2. What are sets?
3. Define tillage.
4. What is soil reclamation?
5. Mention the types of sowing.
6. What is transplantation?
7. What are exotic weeds?
8. Write short note on crop bound weeds.
9. Define the term pest.
10. What are biocides?

PART – B

(5 X 7 = 35 Marks)

Answer the following, each within 500 words; Draw diagrams and flowcharts wherever necessary

11. (a) Give a brief account on classification of agriculture.
OR
(b) Explain the cropping patterns followed in Indian Agriculture.
12. (a) Compare and contrast the different methods of irrigation.
OR
(b) Outline the impact of industrial effluents on soil and water.
13. (a) Give a brief account on basic practices followed in Agriculture.
OR
(b) Explain in detail about the importance of bio-fertilizers and pesticides in modern agriculture.
14. (a) Discuss about the characteristics of weeds
OR
(b) Write a brief account on Integrated Pest Management.
15. (a) Write about the classification of pesticides on the basis of use.
OR
(b) Give a brief account on the role of biotechnology in pest management.

