

W-3285(A)

M.Sc. (Fourth Semester) Examination, (Second Chance) June-2020

BOTANY

Paper - E-6

Agro Ecosystems

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt **all** questions.

Unit-I

Q.1. What are “Plantation crops”? Discuss various Agroecological details of any two plantation crops of India.

Unit-II

Q.2. Write short notes on **any two**:

- i) Comment on green revolution.
- ii) Comment on biological control of weeds.
- iii) Comment on ‘Mechanical weed control’ methods.

Unit-III

Q.3. What do you understand by sink-source relationship? Discuss in detail its importance.

Unit-IV

Q.4. Write short notes on :

- i) Impact of disease resistance by Crop-Geometry.
- ii) Impact of irrigation cycle on cropland.

Unit-V

Q.5. What do you understand by input/output ratio? Explain how it is helpful in conservation and management of any cropland ecosystem?

