

**W-3285**

**M.Sc. (Fourth Semester) Examination, 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 the key concepts of 'Agroecosystem'? Also discuss their advantages in present scenario.

**Unit-II**

Q.2. Give a detailed account of various "Agronomic Practices" adopted for soil and water conservation of various agroecosystems.

**Unit-III**

Q.3. Discuss in detail the structure of any A.Biotic community of any cropland of India.

**Unit-IV**

Q.4. What do you understand by 'Allelopathy'? Explain with examples of different cropland ecosystem.

**Unit-V**

Q.5. What are "Biofertilizers"? Explain in detail different types of biofertilizers and their production methods.

