

**Agronomy-IX**  
**Semester-II**  
**May/2019**

**Time Allowed : 03 Hours**

**M.M : 75**

**Note :** The candidates are required to attempt 2 question each from section A and B carrying 12 marks each and the entire section C consisting 9 short answer type questions carrying 3 marks each.

**Section-A**

- 1) Classify crops. Also discuss their geographical distribution.
- 2) Write a note on impact of agriculture on trade and industrial development.
- 3) Discuss in detail about effects of weather on sowing, germination, growth, harvesting and storage of crop plants.
- 4) Explain various methods of sowing and their suitability under different conditions.

**Section-B**

- 5) Define weed classify weeds. Give in detail about losses caused and benefits derived from weeds.
- 6) Explain in detail about common methods of weed control.
- 7) Give a detailed note on maintenance of soil fertility and soil productivity.
- 8) Explain the following : i) Green Manuring  
ii) Relay cropping and dry-farming.

**Section-C**

- 9) Write short notes on following :
  - i) Define Tillage
  - ii) Soil moisture
  - iii) Evolution of Agriculture
  - iv) Mixed cropping
  - v) Green manuring
  - vi) Classify weeds.
  - vii) Agronomy as a Science
  - viii) Multiple cropping
  - ix) Dissemination of weeds.