

5955/MH

A-S-2051  
FIELD CROPS -X  
SEMESTER-IV (MAY 2020)

MM: 44

TIME 3 HOURS

Note : The candidates are required to attempt two questions each from Section A and B carrying 7 marks each and the entire Section C consisting of 08 short answer type questions carrying 2 marks each

Section A

- 1 Describe various methods of sowing adopted for Maize cultivation.
- 2 What are different species of wheat? Describe manuring and fertilization of wheat.
- 3 Give the botanical description of Sunflower in context to root system; shoot system, stem, inflorescence & florets.
- 4 Explain cultivation and harvesting of cotton.

Section-B

- 5 Explain cultivation and harvesting practices of Arhar and Moong.
- 6 What are improved varieties of Barseem? Explain its harvesting process.
- 7 Give the details of field preparation, seed rate and irrigation of Potato.
- 8 Describe cultivation practices of Mentha. Also give its medicinal value.

Section-C

- 9 Write short notes on following:
  - i) Shoot system of Sorghum
  - ii) Field preparation of Bajra.
  - iii) Irrigation of Groundnut.
  - iv) What do you mean by fodder crops?
  - v) Inflorescence of cotton.
  - vi) Root System of Rice.
  - vii) Soil suitable for sugarcane.
  - viii) Soil suitable for cluster bean.