

MAHARASHITRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: IV (New)	Term	: Second	Academic Year	: 2021-22
Course No.	: AGRO 246	Title	: Crop Production Technology-II		
Credits	: 2 (1+1)		(Rabi crops)		
Day & Date	: Saturday, 24.09.2022	Time	: 14:00 to 16:00 hrs	Total Marks	: 40

- Note :**
1. Solve ANY EIGHT questions from SECTION 'A'.
 2. All questions from SECTION 'B' are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Give in detail information about Chickpea on the following aspects:
- a) Economic importance
 - b) Seed and sowing
 - c) Varieties
 - d) Harvesting and yield
- Q.2 Discuss in detail about cultivation of irrigated Wheat on the following points:
- a) Soil and climate
 - b) Seed and sowing
 - c) Manures and fertilizers
 - d) Irrigation management
- Q.3 Prepare a leaflet on Rabi Sorghum with respect to the following points:
- a) Soil and climate
 - b) Seed and sowing
 - c) Manures and fertilizers
 - d) Harvesting, threshing and yield
- Q.4 Elaborate the production technology for Mustard crop with respect to the following aspects:
- a) Climate and soil
 - b) Seed and sowing
 - c) Varieties
 - d) Harvesting and yield
- Q.5 Give the detailed information of Sunflower crop with respect to the following points:
- a) Economic importance
 - b) Seed and sowing
 - c) Varieties
 - d) Harvesting and yield
- Q.6 Explain in detail the cultivation of Sugarcane on the following points:
- a) Seed and sowing/planting
 - b) Plant protection
 - c) Varieties
 - d) Harvesting and yield
- Q.7 Describe in detail about cultivation of Lemon grass on the following points:
- a) Cultivation method
 - b) Varieties
 - c) Interculture
 - d) Harvesting and distillation

(P.T.O.)

- Q.8 Discuss in detail about cultivation of Potato with reference to the following aspects:
- a) Seed and sowing
 - b) Plant protection
 - c) Varieties
 - d) Harvesting and yield
- Q.9 Elaborate the production technology of Sugarbeet crop with respect to the following aspects:
- a) Climate and soil
 - b) Seed and sowing
 - c) Varieties
 - d) Harvesting and yield
- Q.10 Write short notes on (Any Two):
- a) Importance of pulses in Indian agriculture and constraints in pulse crop production
 - b) Seed and sowing of fodder Maize
 - c) Curing in Tobacco
 - d) Seed and sowing of Pea

SECTION 'B'

- Q.11 Fill in the blanks:
- 1) An important cereal used for malting, brewing and preparation of baby food is _____.
 - 2) Protein content in lentil is _____.
 - 3) NARI 6 is the variety of _____ crop.
 - 4) The botanical name of Mentha is _____.
- Q.12 Match the pairs:
- | 'A' | 'B' |
|----------------|----------------------------------|
| 1) Linseed | a) <i>Phaseolus vulgaris</i> |
| 2) Berseem | b) <i>Trifolium alexandrinum</i> |
| 3) Oat | c) Capsule |
| 4) French bean | d) <i>Avena sativa</i> |

