MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE

SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

|Fifth Deans' Committee Recommended Syllabus|

Semester	: IV	Term	: Second	Academic Year	: 2024-25
Course No.	: AGRO 246	Title	: Crop Production Technology–II (*Rabi* crops)		
Credits	: 2(1+1)				
Day & Date	: Thursday, 24.04.2025	Time	: 9:00 to 11:00 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 Describe in detail the cultivation of chick pea on the following aspects:

a) Economic importance
b) Seed and Sowing
c) Weed management
d) Harvesting and Yield

Q.2 Write in detail the cultivation of *Adsali* sugarcane on the following aspects:

a) Sets and Planting
b) Manures and Fertilizers
c) Water management
d) Harvesting and Yield

Q.3 Describe in detail the cultivation of irrigated wheat on the following points:

a) Climatic and Soil requirement
b) Water management
c) Improved varieties
d) Manures and Fertilizers

Q.4 Give in detail the information about sunflower on the following points:

a) Economic importance
b) Irrigation management
c) Manures and Fertilizers
d) Intercultural operations

Q.5 Write in detail about cultivation of field pea on the following points:

a) Soil and Climatic requirement
b) Seed and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

Q.6 Give in detail the information about *rabi* sorghum on the following points:

a) Weed management
b) Seed and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

Q.7 Give in detail the cultivation of mustard on the following aspects:

a) Soil and Climate
b) Seed and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

Q.8 Describe in detail the cultivation of fodder purpose maize on the following points:

a) Soil and Climate
b) Improved varieties
c) Manures and Fertilizers
d) Harvesting and Yield

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Q.9 Write in brief the cultivation of potato on the following points:

a) Seed and Sowing

b) Intercultural operations

c) Irrigation management

d) Harvesting and Yield

Q.10 Write short notes on (Any Two):

a) Benefits of sweet potato

b) Topping and desuckering in tobacco

c) Medicinal uses of mentha

SECTION 'B'

Q.11 Do as directed:

1) Sorghum contains _____, which is called as 'Dhurin'.

2) Give the botanical name of Lucerne crop.

3) Barley is a rich source of gluten. (State True/False)

4) Safflower crop belongs to which family?

Q.12 Fill in the blanks:

1) French bean is originated from _____.

2) Citronella is propagated by _____.

3) _____ obtained from Linseed fiber, is one of the best raw material for textile.

4) Botanical name of Lentil is _____.

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