MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE

SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: III	Term	: First	Academic Year	: 2024-25
Course No.	: AGRO 234	Title	: Crop Production Technology –I (*Kharif* Crops)		
Credits	: 2 (1+1)				
Day & Date	: Thursday, 10.10.2024	Time	: 09:00 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 Explain in detail about the cultivation practices of hybrid maize on the following points:

a) Climate and Soil
b) Varieties/ Hybrids
c) Seed and Sowing
d) Harvesting and Yield

Q.2 Describe the cultivation practices of cotton on the following points:

a) Fertilizer application
b) Weed management
c) Pest and Diseases
d) Harvesting

Q.3 Explain in detail about upland rice cultivation method.

Q.4 Describe the cultivation practices of pearl millet on the following points:

a) Climate and Soil
b) Seed rate and Sowing
c) Fertilizer application
d) Harvesting and Yield

Q.5 Explain in detail about the cultivation practices of *kharif* groundnut on the following points:

a) Seed rate and Spacing
b) Fertilizer application
c) Weed management
d) Harvesting and Yield

Q.6 Describe the cultivation practices of sesame on the following points:

a) Economic importance
b) Climate and Soil
c) Seed rate and Sowing
d) Interculture operations

Q.7 Prepare a leaflet on 'Cultivation of finger millet crop'.

Q.8 Write short notes on (Any Two):

a) Economic importance of Pigeon pea
b) SRI method
c) Harvesting and threshing in soybean
d) Weed management in sorghum

Q.9 a) Write in detail about growing seasons of rice in India.
b) Give the importance of millets in human health.

Q.10 Explain in detail about the cultivation practices of black gram on the following points:

a) Land preparation
b) Seed rate and Sowing
c) Manures and Fertilizers
d) Harvesting and Yield

(P.T.O.)

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SECTION 'B'

Q.11 Match the pairs:

'A'	'B'
1) Niger	a) *Phaseolus vulgaris* L.
2) Horse gram	b) *Paspalum scrobiculatum* L.
3) Kidney bean	c) *Guizotia abyssinica*
4) Kodo millet	d) *Macrotyloma uniflorum*

Q.12 Fill in the blanks:

1) Jute belongs to the family _____.
2) _____ is an origin of cowpea.
3) _____ crop is called as 'Camel of desert'.
4) Seed rate of pearl millet is _____.

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