MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: **IV (New)**	Term	: **Second**	Academic Year	: **2021-22**
Course No.	: **H/FS 247**	Title	: **Dry Land Horticulture**		
Credits	: **2 (1+1)**				
Day & Date	: **Tuesday, 13.09.2022**	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 Define dry land horticulture. Write the importance of dry land fruits.

Q.2 What are the constraints of dry land horticulture?

Q.3 Define mulching. Explain in short the uses of mulching.

Q.4 Write in short about Pomegranate on the following points:

a) Origin b) Propagation

c) Two varieties d) Maturity indices

Q.5 Write short note on training and pruning in Ber.

Q.6 Describe in brief the cultivation of Fig on the following points:

a) Planting time b) Propagation

c) Types of Fig d) Yield

Q.7 a) Write the harvesting period and signs of maturity of Custard apple.

b) Write two improved varieties and yield per plant of Jamun.

Q.8 Define soil erosion. Write the prevention measures to check soil erosion.

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

a) Soil b) Planting season

c) Two improved varieties d) Yield

Q.10 Write in brief the cultivation of Aonla on the following points:

a) Botanical name and family b) Propagation and planting

c) Two improved varieties d) Harvesting and yield

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SECTION 'B'

Q.11 Fill in the blanks:

1) Date palm is propagated by_____.

2) Ellora is a variety of _____.

3) Charoli seeds are a pretty good source of _____.

4) The family of Bael is _____.

Q.12 State True or False:

1) Carambola comes under the family Oxalidaceae.

2) Phalsa is primarily a beverage fruit in India.

3) Bilimbi fruits have strong antioxidative, anti-inflammatory and antimicrobial properties.

4) Durian is also known as the 'King of fruits' due to its distinctive (large) shape and rich flavor.

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