MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester	: IV (New)	Term	: II	Academic Year	: 2018-19
Course No.	: H/FS 247				
Credits	: 2 (1+1)	Title	: Dry Land Horticulture		
Day & Date	: Friday, 03.05.2019	Time	: 14.00 to 16.00	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 diagrams wherever necessary.

SECTION "A"

Q.1 Write in detail present status and future scope of dryland horticulture.

Q.2 Define dryland horticulture. Write in detail about importance and limitations of dryland horticulture.

Q.3 Write in brief cultivation of ber on the following points.

a) Soil and climate
b) Varieties
c) Insect pests and diseases
d) Harvesting and yield

Q.4 Discuss special characteristics of dryland fruit crops.

Q.5 Write short notes (Any Two).

a) Agro-climatic features in rain shadow area
b) Mulching
c) Water use efficiency

Q.6 Describe the cultivation of fig on the given points.

a) Soil and climate
b) Types and cultivars
c) Propagation and planting
d) Harvesting and yield

Q.7 Write in detail cultivation of jamun with given points.

a) Soil and climate
b) Propagation techniques
c) Planting
d) Harvesting and yield

Q.8 Write in brief about cultivation practices in aonla on the following points.

a) Importance
b) Varieties
c) Propagation
d) Harvesting and yield

Q.9 Write in detail cultivation of custard apple on the following points.

a) Soil and climate
b) Varieties
c) Training and pruning
d) Harvesting and yield

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Q.10 Explain in brief cultivation of pomegranate on the following points.

a) Spacing and intercrops
b) Improved varieties
c) Bahar treatment
d) Harvesting and yield

SECTION "B"

Q.11 State True or False.

1) Wood apple belongs to family rutaceae.
2) Carambola is a warm tropical and subtropical fruit.
3) Bark of charoli used as spices.
4) Date palm requires 1500 heat units above a base of 10^0C for successful fruit maturation.

Q.12 Fill in the blanks.

1) _____is called "hairy litchi" as the fruits have red soft spines on the surface.
2) The _____also known as the oriental cashewnut.
3) _____fruit is with buttery yellowish white pulp having very strong odour.
4) Bilimbi belongs to family_____.

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