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/FL 242				
Credits	: 3 (2+1)	**Title**	: **Ornamental Horticulture**		
Day & Date	: Monday, 06.05.2019	**Time**	: 14.00 to 17.00	**Total Marks**	: **80**

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 about the importance and scope of ornamental horticulture.

Q.2 Discuss in short important gardens in India and their types.

Q.3 Write in short basic principles of landscaping.

Q.4 Write in brief various methods of lawn establishment.

Q.5 What is meant by special gardens? Enlist various types and discuss any one of them.

Q.6 a) Define shrub. Write its utility in gardening.

b) Differentiate between climbers and creepers. Write their importance in gardening.

Q.7 Enlist different garden components and discuss in detail adornments.

Q.8 a) Discuss in brief art of bonsai making

b) Landscaping of railway stations

Q.9 Write short notes (Any Two).

a) Cultural operations in ornamental plants.

b) Bio-asthetic planning

c) Garden structures

Q.10 a) Write utility of palms and ferns in gardening.

b) Discuss significance of herbaceous perennials.

SECTION "B"

Q.11 Define the following terms.

1) Corm
2) Bract
3) Rhizome
4) Succulent
5) Tubers
6) Landscape
7) Landscaping
8) Landscape gardening

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Q.9 Describe the cultivation of pea on the following aspects.

a) Soil and climate
b) Seed rate and sowing
c) Improved varieties
d) One major discase and its control measures

Q.10 Describe the cultivation of radish on the following aspects.

a) Soil and climate
b) Manures and fertilizers
c) Seed rate and improved varieties
d) Harvesting and yield

SECTION "B"

Q.11 Match the following pairs.

'A'	'B'
1) Fenugreek	a) Purple vienna
2) Coriander	b) Arkel
3) Pea	c) Pusa early bunching
4) Knolkhol	d) Sadhana

Q.12 Fill in the blanks.

1) Botanical name of asparagus is_____.
2) Pusa kanchan is a variety of _____crop.
3) Globe artichoke belongs to the family _____.
4) Botanical name of broad bean is_____.

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