MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester	: VI (Old)	**Term**	: II	**Academic Year**	: 2018-19
Course No.	: H/FL 365	**Title**	: Breeding and Seed Production of Ornamental Crops		
Credits	: 2 (1+1)				
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 Explain in detail breeding methods followed in gerbera.

Q.2 Write in short about seed processing in ornamental crops.

Q.3 Explain the breeding methods followed [illegible] iolus.

Q.4 Write in short about different seed tests a[illegible] importance.

Q.5 Explain in brief the breeding methods follow[illegible]rnamental plants.

Q.6 Define heterosis. Explain in detail role of heterosis in flower crops.

Q.7 Explain in brief breeding for disease resistance in ornamental crops.

Q.8 Discuss the necessity of seed certification.

Q.9 Write the steps involved in seed production of open pollinated flower crops.

Q.10 Write short notes (Any Two).

a) Breeding of carnation for disease resistance

b) Pollination

c) Classes of seed

SECTION "B"

Q.11 Answer in one sentence.

1) What is F_1 hybrid?

2) What do you mean by acclimatization?

3) Give the family of chrysanthemum.

4) What do you mean by true to type seed?

Q.12 Define the following terms.

1) Pelleting

2) Seed treatment

3) Pure line

4) Heredity

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