

CULTURAL UNIVERSITIES EXAMINATION BOARD
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester : II (New)	Term : II	Academic Year : 2018-19
Course No. : H/HORT 121	Title : Growth And Development Of Horticultural Crops	
Credits : 2 (1+1)		
Day & Date : Thursday, 09.05.2019	Time : 09.00 to 11.00	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 Define plant growth regulator. Discuss in brief the role of plant growth regulators in horticultural crops.
- Q.2 Describe in brief occurrence and physiological role of Ethylene.
- Q.3 Explain the occurrence and physiological role of Auxin.
- Q.4 Write in brief role of bio regulators on fruit thinning and ripening.
- Q.5 Explain the occurrence and physiological role of Cytokinins.
- Q.6 What is fruit drop? Discuss in brief different types of fruit drops.
- Q.7 Define growth. Explain in brief its phases in horticultural crops.
- Q.8 What is seed dormancy? Explain in brief the methods of breaking seed dormancy.
- Q.9 Write in short the role of bio regulators on fruit set and fruit development.
- Q.10 Write short notes (Any Two).
 - a) Sex expression
 - b) Senescence
 - c) Growth curve

SECTION "B"

- Q.11 Give full form of following.
- | | |
|---------|---------|
| 1) MH | 2) CCC |
| 3) PCPA | 4) TIBA |
- Q.12 Do as directed.
- 1) Give the example of master hormone.
 - 2) Name one growth retardant.
 - 3) Auxanometer is used for measure.
 - 4) Example of stress hormone.

