

B.Sc. (Honours) Agriculture Semester-I Examination, 2018

Course No: HOR-111
(Fundamentals of Horticulture)

Signature of Centre Superintendent

Roll No. : (in figure) _____ (in words) _____

Student Index No. _____ Regn. No. _____ of _____

Time : Two Hours

Full marks : 50

Questions are of value as indicated in the margin

Part - I
(Objective and Short Answer Type)
(Use only ball point pen)

Time : 30 minutes

Full marks : 20

- Note:** 1. Answer in question paper itself.
2. Striking, rewriting or overwriting are not allowed in the objective type questions.

1. Fill up the blanks with most appropriate words: 10×1=10

- a) Edible part of cauliflower is botanically _____.
- b) _____ is an example of growth inhibitor.
- c) Symmetrical design is main feature of _____ garden.
- d) Commercial method of propagation of mango is _____.
- e) Contour system of orcharding is generally found in _____.
- f) Roads and paths in orchard is not more than _____% of total area.
- g) In kitchen garden cucurbits are planted along the _____.
- h) Wind break plants are planted in _____ side of orchard.
- i) Double row hedge system of planting is followed in _____ plant.
- j) 'Y'-trellis system of training is followed in _____.

2. Answer the following (any five): 5×2=10

- a) Mention importance of horticulture in India.

- b) Mention the branches of horticulture

P.T.O.

B.Sc. (Honours) Agriculture Semester-I Examination, 2018

**Course No: HOR-111
(Fundamentals of Horticulture)**

**Part - II
(Descriptive Type)**

Time : 120 Minutes

Full marks : 30

Questions are of value as indicated in the margin

Answer *any three* questions.

3. Define training. Mention objectives of training. Briefly discuss any two methods of training adopted in woody perennials. 2+2+6=10
 4. Why do we irrigate horticultural crops? Discuss in nutshell different methods of irrigation followed in horticultural crops. 2+8
 5. What is nursery? Mention importance of nursery. Discuss different asexual methods of propagation followed in fruit crops. 1+2+7=10
 6. What is fruit drop? What are the causes of fruit drop? How fruit drop can be controlled? 2+4+4=10
 7. Write short notes: 5×2=10
 - a) Kitchen garden
 - b) Manures vs fertilizers
 - c) Role of auxin
 - d) Parthenocarpy
 - e) Medicinal plants and their uses
-