

Board of Departmental Examination, Himachal Pradesh  
Departmental examination, September, 2020

Paper No. 3 Rules & Acts for the Technical Officers of Horticulture Department.

Max. Marks: 100  
Time allowed: 3Hrs

- Notes: 1. Attempt any five questions in all.  
2. Question No. VI is compulsory.  
3. All questions carry equal marks.  
4. Books are not allowed only Bare Acts/Rules are allowed inside the examination hall.

- Q.No. I. Describe the following:
- (i) Alternate bearing in mango and corrective measures to overcome this.
  - (ii) Role of growth regulators in production of horticultural crops.
  - (iii) Modalities for implementation of the scheme for installation of anti hail nets.
  - (iv) A note in detail on the role of the horticulture department for providing fruit plants, tools and implements and others on subsidised rate to the farmers/growers under different departmental schemes.

(4 x 5 = 20)

- Q. No. II. Write short notes on ( any four ) of the following :
- (i) Citrus canker and its control measures.
  - (ii) Clonal rootstock and its use in horticulture.
  - (iii) Scope of High density plantation of fruit crops in Himachal Pradesh.
  - (iv) Judicious use of fertilizers and pesticides in horticulture.
  - (v) Lateral and terminal bearing varieties of walnut with example.

(4 x 5 = 20)

- Q. No. III Differentiate any five of the following :
- (i) Protected cultivation and open cultivation of horticulture crops.
  - (ii) Garden colonies and community gardens.
  - (iii) Integrated nutrient management and integrated pest management.
  - (iv) Temperate fruit plants and sub-tropical fruit plants.
  - (v) contact pesticides and systemic pesticides.
  - (vi) collar rot and root rot disease in apple.

(4 x 5 = 20)

Q. No. IV (A) Expand the following abbreviations in relation to horticulture.

- (i) HPSHIVA
- (ii) HMNEH
- (iii) RKVY
- (iv) NMMP
- (v) PCDO
- (vi) NHB
- (vii) MIDH
- (viii) PMKSY
- (ix) PMFBY
- (x) NABARD

(10 x 1 = 10)

Q. No. IV (B) Equate the role of Panchayati Raj at different levels in relation to the development of horticulture in Himachal Pradesh.

(1 x 10 = 10)

Q. No. V Write short note on any five of the following :

- (i) Present Horticulture Scenario in Himachal Pradesh.
- (ii) Solar fencing; its scope and limitations.
- (iii) Scope of natural farming/zero budget farming in Himachal Pradesh.
- (iv) Citrus decline and its management.
- (v) Black tip and its management in mango.
- (vi) Fruit flies in guava.

(4 x 5 = 20)

Q. No. VI Comment on any five of the following :

- (i) Procedure for grant of licence under the Himachal Pradesh Fruit Nursery Registration rules, 1973.
- (ii) Plant material to be utilised for propagation under HP fruit nursery registration rules, 1973.
- (iii) procedure to be followed by Insecticide Inspector for drawing a sample of pesticide under Insecticide Act, 1968.
- (iv) Prohibition of import and manufacturing of certain insecticides under insecticide act, 1968.
- (v) What are the penalties laid down in the Right to Information Act, 2005 for not providing information to the applicant in the prescribed time period. What is third party information?
- (vi) The Himachal Pradesh Agricultural Pests, Diseases and Noxious Weeds Act, 1969.

(5 X 4 = 20)