

Board of Departmental Examination, Himachal Pradesh
Departmental Examination, December, 2018.

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

Max. Marks: 100

Time Allowed: 3Hrs.

- Note: 1 Attempt any five questions.
2. Question No.1 is compulsory.
3. All questions carry equal marks.
4. Books are not allowed inside the Examination Hall.

Q.No. 1. Describe any four of the following:

- (i) Challenges in hill horticulture.
- (ii) High Density Planting Technology in fruit crops.
- (iii) Pradhan Mantri Krishi Sinchayee Yojna -Per Drop More Crop.
- (iv) Key elements of Mission for Integrated Development of Horticulture (MIDH) scheme.
- (v) Role of space technology in development of horticulture crops.

(4x5=20)

Q.No. 2 Write short notes on the following:

- (i) Plant growth regulators in horticulture.
- (ii) Solar fencing, its advantages and limitations.
- (iii) Cold chain infrastructure.
- (iv) Zero Budget Natural Farming (ZBNF) in Horticulture.

(4x5=20)

Contd. page -2

- Q.No. 3 Differentiate between the following :
- (i) Temperate fruits & Sub Tropical fruits.
 - (ii) Contract farming and Organic farming.
 - (iii) Sprinkler irrigation and Drip irrigation.
 - (iv) Mushroom compost and Mushroom spawn.

(4x5=20)

Q.No. 4

- (i) Describe in detail the roles and responsibilities of Insecticides Inspector under Insecticides Act, 1968. What procedure is to be followed for drawl of pesticide samples by Insecticides Inspector.

 - (ii) Effective transfer of technology package for sustainable development of horticulture in Himachal Pradesh
- Or

Need and justification of the Himachal Pradesh Fruit Nurseries Registration Act, 1973.

(2x10=20)

Q.No. 5

- What steps should be taken before establishment of:
- (i) An Apple Orchard.
 - (ii) An Apiary.
 - (ii) Integrated Mushroom Unit.
 - (iv) Cold Store/ C A Store Unit.

(4x5=20)

Q. No. 6

Brief note on new schemes launched by the Government of Himachal Pradesh during the year 2018-19.

(20)