

**H.P.BOARD OF DEPARTMENTAL EXAMINATION
DEPARTMENTAL EXAMINATION OF OTHER GAZETTED OFFICERS/
OFFICILAS OF HIMACHAL PRADESH SESSION NOVEMBER, 2009**

**PAPER-3 (HORTICULTURE DEPARTMENT)
(RULES AND ACTS)**

Time Allowed: 3 Hours.

Maximum Marks: 100

Note:- 1. First question is Compulsory. Attempt any five questions.

2. All questions carry equal marks.

3. Books are not allowed inside the examination hall.

Q.No.1 Enlist various schemes being implemented by the Department of Horticulture
 And discuss briefly any five components of HTM under which a farmer can
 Avail assistance. **(20 Marks)**

Q.No.2 a) Write the scientific names of the following:-

- (i) Apple
- (ii) Mango
- (iii) Pear
- (iv) Plum
- (v) Apricot
- (vi) Walnut
- (vii) Ber
- (viii) Strawberry
- (ix) Litchi
- (x) Banana
- (xi) Aonla
- (xii) Anar
- (xiii) Guava
- (xiv) Jamun
- (xv) Kathal
- (xvi) Galgal
- (xvii) Olive
- (xviii) Cherry
- (xix) Persimmon
- (xx) Fig.

(10 Marks)

b) Write Casual Organisation of the following:-

- (i) Apple Scab.
- (ii) Powdery Mildew
- (iii) Root Rot of Apple
- (iv) Citrus Canker.
- (v) Foot rot of Papaya

- (vi) Downy Mildew of Grapes
- (vii) American Four Brood Disease of Honey bees.
- (viii) mango Mal Formation
- (ix) Peach leaf Curl
- (x) Seeding Blight.

(10 Marks)

Q.No.3 Write short notes on any four of the following:-

- (i) Apple Scab.
- (ii) Premature leaf fall.
- (iii) Re- plantation problem of Apple.
- (iv) Citrus Decline.
- (v) Training and Pruning.
- (vi) Varroa mite.
- (vii) Protected cultivation

(4 x 5 = 20 Marks)

Q.No.4 (i) Scope of Horticulture in Himachal Pradesh.

(ii) Discuss briefly various approaches of IPM.

(10 x 2= 20 Marks)

Q.No.5 (i) Discuss in detail Market Intervention Scheme. What are your suggestions for Its improvement?

(ii) Protected cultivation a boon for the entrepreneurs- discuss **(10 x 2= 20 Marks)**

Q.No.6 In Horticulture what do you mean by:-

- (i) PCDO
- (ii) BKS
- (iii) HEC
- (iv) PPC
- (v) CCS

What type of services they provide to the farming community **(5x 4= 20 Marks)**

Q.No.7 Briefly describe any four of the following in relation to Horticulture:-

- (i) NREGA
- (ii) RKVY
- (iii) Garden Colonies
- (iv) Precision farming.
- (v) Plasticulture
- (vi) Organic farming.

(4 x 5 = 20 marks)

Q.No.8 Discuss any one of the following:-

- (i) H.P.Fruit Nurseries Registration Act, 1973.
- (ii) H.P.Agricultural Pests, Disease and Noxious Weeds Act, 1969.

(20 Marks)