

HP Board of Departmental Examination
Departmental Examination of other Gazetted Officers in Himachal Pradesh,
April, 2015

Paper-3: Rules and Acts for Technical Officers of Agriculture Department.

Time Allowed : 3 hours
Max. Marks: 100

Note: i) Attempt any five questions, a & b parts of question are compulsory.
ii) All questions carry equal marks.
iii) Reference books of bare Acts & Rules allowed.

- Q.I.** What is Contingency crop planning?
Give contingency crop plan for each Zone of HP, if monsoons & winter rains fails: (20)
- Q.II.** Describe various components of National Mission for Sustainable Agriculture. Give brief description of each component in 50 words each. (20)
- Q.III.** (a) What is precision farming? What are the advantages of precision farming over conventional farming. (10)
(b) What is SRI. Describe steps of SRI in Rice. (10)
- Q.IV.** Describe following: –
1. Single cross.
2. 3-way cross.
3. Water soluble fertilizers (3 examples).
4. Biopesticides (3 examples)
5. Cropping Intensity. } $5 \times 4 = 20$ }
- Q.V.** What are the seed standards i.e. Germination & Purity of following crops in respect of certified & foundation seeds:
Wheat, Paddy, Gram, Soybean, Mustard, Peas, Berseem, Cauliflower, Tomato and Capsicum. (20)
- Q.VI.** What is Marketing Development Fund? For what purpose this fund can be utilized. (20)
- Q.VII.** Outline procedure for grant of licence to manufacture Insecticides.
What are the powers and duties of Insecticides analyst. (20)
