

Departmental examination for other Gazetted Officers of Himachal Pradesh

May 2021

Paper-3 Rules and Acts of Technical Officers of Agriculture Department

Time Allowed : 3 Hours

Maximum on Marks:100

Note:-

1. Attempt any five question.
2. All question carry equal marks.
3. Reference books of Bare Acts & Rules are Allowed.

- QI a) Explain appointment, duties and responsibilities of **seed inspector** under seed act. (5)
- b) Explain clause to grant seed certificate by certification authority under seed act and also name the designated authority to issue such certification in Himachal pardesh (5)
- c) What is seed control order 1983? Explain it's objective. Define Mother seed and explain different phases followed while registering any kind of seed. (10)
- QII a) What is **ATMA** ? it's role , objective and outcome since inception and present working scenario of this project in Himachal Pradesh. (10)
- b) What is **DAESI**? Role and objective of this program and who is the implementing agency at state and national level and specify Role of facilitator to run this program. (10)
- QIII a) Difference between **PMFBY** and restructured weather based crop insurance scheme (**RWBCIS**). (10)
- b) District level committee, its working to settle the insurance claim of crop and list out and specify the additional coverage given pre sowing and post harvest loses, explain in detail. (7)
- c) Explain **NPSR**? What is its sharing ratio in between Center and State Government. (3)
- QIV a) Difference between zero budget and natural farming.
Himachal is emerging as natural farming state by March 2022. Comment on it

- (10)
- b) Food security obtained after green revolution in state. Support your comments with production figure of all major crops. Is it possible to sustain this production with the help of natural farming practices.?Comment on it. (10)
- QV a) Role of HP Agriculture and Horticulture produce marketing development and regulations act 2005. (10)
- b) What is **e-NAM**? it's scope and benefit to the farmers. (5)
- c) What is market fee? its effect on population of Himachal Pradesh.. (5)
- QVI Comment on following:-
- a) Natural resource management in Agriculture. (4)
- b) How farming is helpful to maintain ecology and biodiversity? (4)
- c) What is **MGNREGA**? And it's scope in Agriculture . (4)
- d) Impact of mechanization in Agriculture. (4)
- e) Specify advantages of Kharif crop (Paddy) tillage to wheat and other rabi Crops (4)
- QVII Write Short notes on the following (Any Five)
- a) Life saving irrigation scheme in Himachal Pradesh.
- b) External aided projects of agriculture in Himachal Pradesh
- c) Define biofertilizers , mode of action and list out different biofertilizers used in Agriculture and what extent of substitution to chemical fertilizer are made.
- d) Define soil pH . What practices are used to keep the soil pH neutral .Mention the Crop with area specific grown in low soil pH condition.
- e) Role of project Director ATMA to disseminate impact of empirical studies of both the University of Agriculture and Horticulture to the farmer in Himachal Pradesh.
- f) Role of Director, HP state seed and organic produce certification agency Shimla to maintain the quality in seed production and also specify the special scheme run by HP Government to bring self sufficiency in seed production program of wheat crop.
- g). Fertilizer policy of Himachal Pradesh. (4*5)