

DEPARTMENTAL EXAMINATION OF OTHER GAZETTED OFFICERS OF HIMACHAL

APRIL, 2016

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

Time: 3 Hours

Max. Marks: 100

Note:-

- 1) Attempt any five Questions inclusive of (a) and (b) parts.
- 2) All Question carry equal marks.
- 3) Reference books of Bare Acts and Rules allowed.

- Q-1** Discuss features of Soil Health and describe main contents of soil health card being provided to the farmers. (20)
- Q-2** (a) Describe main features and advantages of Integrated farming system in the context of hill farming. (10)
- (b) What is sustainable agriculture also discuss and describe good agriculture practices. (10)
- Q-3** (a) Discuss main features of organic farming. (10)
- (b) What are the critical growth stages for irrigation in the case of wheat and potato crops. (10)
- Q-4** (a) what are the main goals of the National policy for farmers. (10)
- (b) Discuss main features of "Green Agriculture" in the context of "Evergreen Revolution". (10)
- Q-5** (a) Discuss the regulating provisions made in the HP Agriculture Horticulture Produce Marketing and Negotiation Act 2005 with respect to contract farming and to establish private markets. (10)
- (b) What are the Duties of Insecticides Inspector under Insecticides Act 1968. (10)
- Q-6** (a) Discuss the importance of bulky organic manures and bio-fertilizers in crop production. (10)
- (b) Describe the procedure for drawl of fertilizer samples under the fertilizer control order 1985. (10)
- Q-7** Define the following: (10 x 2)
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| 1. Available Water Holding Capacity (AWHC). | 6. Cropping intensity. |
| 2. Irrigation efficiency. | 7. Hidden hunger. |
| 3. Integrated nutrient management. | 8. Acidic soils. |
| 4. Integrated pest management. | 9. Broker. |
| 5. Integrated natural resource management. | 10. Zero Tillage. |