DEPARTMENTAL EXAMINATION OF OTHER GAZETTED OFFICERS OF HIMACHAL

APRIL, 2016

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

e: 3 Hours	Max. Marks: 100	
Attempt any five Questions inclusive of (a) :All Question carry equal marks.		
Discuss features of Soil Health and describe ma to the farmers.	in contents of soil health card being prov	vided (20)
(a) Describe main features and advantages of Ir of hill farming.	ntegrated farming system in the context	(10)
(b) What is sustainable agriculture also discuss	and describe good agriculture practices.	
		(10)
(a) Discuss main features of organic farming.		(10)
(b) What are the critical growth stages for irriga	ation in the case of wheat and potato crop	os.
		(10)
(a) what are the main goals of the National poli	cy for farmers.	(1())
(b) Discuss main features of "Green Agriculture	e" in the context of "Evergreen Revoluti	on". (10)
		(10)
(b) What are the Duties of Insecticides Inspecto	r under Insecticides Act 1968.	(10)
(a) Discuss the importance of bulky organic man production.	ures and bio-fertilizers in crop	(10)
(b) Describe the procedure for drawl of fertilize 1985.	r samples under the fertilizer control order	er (10)
Define the following:	(1	0 x 2)
1. Available Water Holding Capacity (AWHC).	6. Cropping intensity.	
 Irrigation efficiency. Integrated nutrient management. Integrated pest management. Integrated natural resource management. 	7. Hidden hunger.8. Acidic soils.9. Broker.10. Zero Tillage.	
	 Attempt any five Questions inclusive of (a) and All Question carry equal marks. Reference books of Bare Acts and Rules allow Discuss features of Soil Health and describe main to the farmers. (a) Describe main features and advantages of Irrof hill farming. (b) What is sustainable agriculture also discuss. (a) Discuss main features of organic farming. (b) What are the critical growth stages for irriging. (a) what are the main goals of the National political political provisions made in the Marketing and Negotiation Act 2005 with respirate markets. (b) What are the Duties of Insecticides Inspecto. (a) Discuss the importance of bulky organic man production. (b) Describe the procedure for drawl of fertilize 1985. Define the following: Available Water Holding Capacity (AWHC). Irrigation efficiency. Integrated nutrient management. Integrated pest management. 	Attempt any five Questions inclusive of (a) and (b) parts. All Question carry equal marks. Reference books of Bare Acts and Rules allowed. Discuss features of Soil Health and describe main contents of soil health card being provide to the farmers. (a) Describe main features and advantages of Integrated farming system in the context of hill farming. (b) What is sustainable agriculture also discuss and describe good agriculture practices. (a) Discuss main features of organic farming. (b) What are the critical growth stages for irrigation in the case of wheat and potato crop (a) what are the main goals of the National policy for farmers. (b) Discuss main features of "Green Agriculture" in the context of "Evergreen Revoluti (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. (b) What are the Duties of Insecticides Inspector under Insecticides Act 1968. (a) Discuss the importance of bulky organic manures and bio-fertilizers in crop production. (b) Describe the procedure for drawl of fertilizer samples under the fertilizer control ord 1985. Define the following: 1. Available Water Holding Capacity (AWHC). 2. Irrigation efficiency. 3. Integrated nutrient management. 4. Integrated pest management. 4. Integrated pest management. 4. Integrated pest management. 5. Acidic soils. 6. Broker.