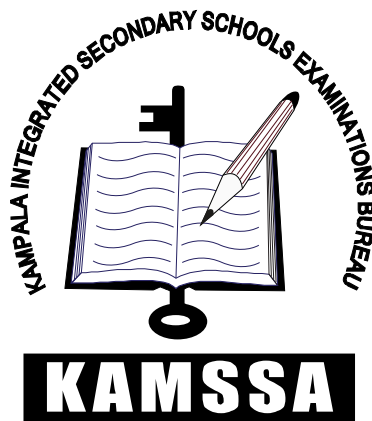




SET ONE
KAMSSA PRE REGISTRATION EXAMINATIONS 2025
Uganda Certificate of Education
PRINCIPLES AND PRACTICES OF AGRICULTURE

Paper 1
Time: 2 Hours 30 minutes

INSTRUCTIONS

- Attempt three items only

ITEM 1

Mr. Wakata has a piece of land where he wants to establish a poultry project. He selected a bushy land with tall trees where to construct a house. He used an axe to clear land and left pot holes. The soil floods whenever it rains. The house he constructed developed cracked and the roof was leaking. Birds were stunted and the layers started egg-eating in the deep litter. He observed yellowish drops on the litter. He used a drenching gun to vaccinate the bird. One day he observed broken eggs on the laying boxes. Wakata mixed bigger eggs with smaller eggs which made him get less profit.

Task

Advise Mr. Wakata on how he can produce high-quality eggs from his farm.

ITEM 2

Miss Kaboyo visited a nearby farm where he admired the different breeds of cattle. He admired the different breeds of cattle. He bought 100m×50m piece of land and it was under conflicts. The land was step slope and with sticky soils. He used dogs to plough the land in order to set up the fence. He used sand alone to construct the building. The floor had a lot of mud and poorly ventilated. Feeds were poured on floor and used leaking drinker to feed the cows. Miss Kaboyo used jerricans to deworm the cows and spray to kill ticks which made most of the ticks' prof to die. The cows produced less milk and used dirty milking cane to milk the cows which made most of clients to reuse to buy the milk.

Task

Advise miss Kaboyo on how he can manage his cows for better products.

ITEM 3

Rabbit keeping is becoming popular in Uganda. Most of the farmers have started it so that they can earn a living. Hanifa grabbed land from the neighbour and constructed a hutch with no roof and poorly ventilated. She selected local rabbits which too long to mature. She feed rabbits on only grasses alone, mixed male and female rabbits in the same house. Cups were used to feed the rabbits; droppings were collected once in a week with yellowish colour. Rabbits were soil at a lower prince and those slaughtered were stored in dirty containers/packaging materials.

Task

Advise miss Hanifa on how she covered produce high quality rabbits for sale.

ITEM 4

Most of farmers in Uganda practice intercropping because of limited land in their families. Miss Nakalema decided to select mountainous land where to plant the crops. She cleared land using blunt hoe. One week the weeds germinated before planting. 6 seeds of maize and 4 seeds of beans were planted in the same hole which resulted into congestion of the seedlings some beans were seen climbing the near by trees and others falling down. Maize developed yellow leaves and become stunted. She used local herbs to spray pesticides which resulted into less yields. Beans were stored in their pods after harvesting and within one week they started to rot customers refused to purchase her beans and sold them at lower price.

Task

What advise can you give to Nakalema so that she can obtain maximum profit from her produces?

END