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APRIL HOLIDAY ASSIGNMENT AGRICULTURE FORM 4

APRIL 2024

- 1.(a) Explain five factors that can increase the demand for tea on a market. (10 marks)
- (b) State four ways of improving labour productivity on the farm (4 marks)
- (c) The following information was obtained from Upendo Farm inventory on 1st January 2013.

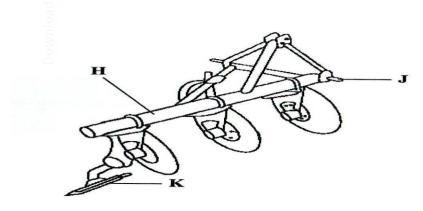
ITEM	VALUE (Ksh)
Layers	80,000
Beef cattle	240,000
Beans in store	40,000
Cash at hand	15,000
Land	550,000
Machinery	250,000
Buildings	310,000
Calves	75,000

On the same day the farm recorded the following;

ITEM	VALUE (Ksh)
Wages payable	5,000
Interest payable	8,000
Bank loan	725,000
Milk sales on credit	12,000
Chicken sales on credit	6,000
Cash in bank	52,000
Purchase of fertilizer on credit	26,000
Taxes payable	3,000

Using the information provided prepare a balance sheet for Upendo Farm. (6 marks)

2. The diagram below illustrates a tractor drawn implement.



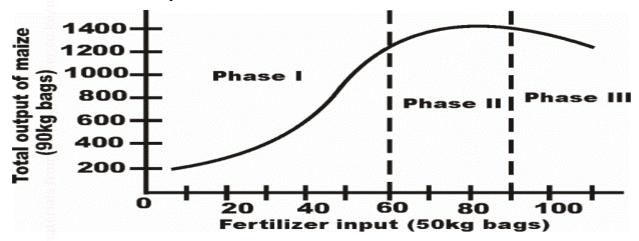
- a) Identify the implement (1mark)
- b) Name the part labeled H 1 Mark

J 1 mark

- c) State one function of the labeled K (1mark)
- d) Explain why the implement is suitable for ploughing areas with hidden stones. (1mark)



- (e) Explain six disadvantages of animal drawn implements. (6 mark)
- 3. (a) Explain five precautions taken by dairy farmers to ensure clean milk production. (10 marks)
- (b) Describe how chicken is dressed for sale.(10 mark)
- (c) Explain five requirements of an artificial brooder in poultry rearing. (5 marks)
- (d) Describe five maintenance practices for the water cooling system of a tractor.(5 marks)
- (e) Give five differences between diesel and petrol engines. (5 marks)
- 4.Below is a graphical representation of a law in agricultural economics. Study the graph carefull and answer the questions that follow:



- (a) Identify the law illustrated by the graph. (½ mark)
- (b) Explain how each additional unit of fertilizer input relates to the total output of maize in phases II and III. (1 mark)
- (c) State the importance of the law identified in (i) above to the maize farmer. (1 mark)