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Level 1 Agricultural and Horticultural Science, 2015

90921 Demonstrate knowledge of livestock management practices

9.30 a.m. Monday 30 November 2015
Credits: Five

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate knowledge of livestock management practices.	Demonstrate in-depth knowledge of livestock management practices.	Demonstrate comprehensive knowledge of livestock management practices.

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt ALL the questions in this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–8 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

ASSESSOR'S USE ONLY

QUESTION ONE: LAMBS

Docking or tailing, which is the removal of lambs' tails, is a management practice carried out on sheep farms.

- (a) Describe one method of docking lambs' tails, including the equipment used.

- (b) Explain why docking is carried out on lambs.

Ear tagging the lambs, as shown in the image below, is often done at the same time as docking.

Lamb with ear tags



- (c) Explain why ear tagging is done.

“Easy care” sheep have a dominant gene that gives them a short, muscular tail that they can lift up, and which does not need to be removed.

“Easy care” sheep

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See: www.rnbeattie.co.nz*

In order to start producing lambs that do not need to be docked, a farmer can purchase either “easy care” rams or “easy care” ewes.

- (d) Select and justify the better method for producing lambs that do not need docking by comparing and contrasting it to the other method.

Selected method: _____

In your answer, consider:

- production rates
- short-term and long-term effects.

QUESTION TWO: CATTLE

Drenching is a management practice to help maintain healthy cattle. Calves need to be drenched regularly.

- (a) Describe THREE actions to carry out when administering drench to calves. Explain why each action should be done in the way you have described.

Description of the action	Reason for the action
Action (1)	
Action (2)	
Action (3)	

- (b) Explain how drenching improves production.

QUESTION THREE: PIGS

Pigs need to be vaccinated regularly against diseases.

- (a) Describe TWO actions to carry out when vaccinating, and explain why each action is performed.

Description of the action	Reason for the action
Action (1)	
Action (2)	

Intensive pig farming is usually conducted indoors, with pigs housed in pens inside large sheds. Pigs of the same age are kept in small groups, in pens which are regularly cleaned and disinfected.

Intensive pig farming

- (b) Explain why pigs farmed indoors need to be kept in these specific conditions.
