



# SHEEP HUSBANDRY

## Senior Skill Exam

*(Please find 2 pages attached)*



**Instructions:** Research all your answers and complete this exam.  
All work must be in the member's own words.  
All sources must be listed at the end of the exam.  
Please give details to your answers; you will find the point value beside each question.

- A. Practical:** /50 (mark must be supplied)  
**B. Written:** /50

**Name:** \_\_\_\_\_

**4-H Club:** \_\_\_\_\_

**4-H District:** \_\_\_\_\_

**Return Marked Exam (District Key Leader or Club Leader):**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Postal Code:** \_\_\_\_\_

Return completed exams to:  
**B.C. 4-H Provincial Council**  
2743 – 30<sup>th</sup> Street  
Vernon, BC V1T 5C6  
*Faxed exams will not be accepted.*  
Please allow 3 – 6 weeks for marking.



# Sheep Husbandry Senior Skill Exam



Ministry of  
Agriculture

## OPEN BOOK EXAM FOR SENIOR SKILL CERTIFICATE

The purpose of this open book examination is for you, as a senior sheep project member, to become more familiar with the care and management of your sheep project. 4-H senior members are required to research and locate references in order to complete this senior skill certificate. You are encouraged to research reference material available in libraries and on the internet.

Return the exam and your answers to B.C. 4-H, 2743-30<sup>th</sup> Street, Vernon, BC V1T 5C6

### A. PRACTICAL [50] (mark must be supplied with exam)

- [20] 1. An on-the-site visit by leader or qualified person. Inspection of project using B.C. 4-H publication #140(C), Livestock Husbandry Score Card. You should be prepared to explain the day to day work done on your project and how the project has progressed from the first day you started with it.
- [30] 2. Demonstrate and explain the use of all tools and procedures for two of the following skills. Assistance may be given by leader or another 4-H member.

<b>Identification</b>	- Demonstrate the use of one method. - Explain why it was used.
<b>Castration</b>	- Demonstrate with assistance, if necessary, one method of castration.
<b>Docking</b>	- Remove tail by one method. - Explain alternative methods.
<b>Trimming Hooves</b>	- Trim hooves on a lamb or ewe. - Explain the use of each tool.

Although these demonstrations may be given at the time of inspection of the member's project, it is suggested that they be done on a non-project animal at a club field day or district senior project field day, so that other members will benefit from the demonstration.

**B. WRITTEN OPEN BOOK PROJECT [50]**

- [1] 1. What is the gestation period of a ewe?
- [4] 2. Describe four symptoms exhibited by a ewe prior to lambing.
- [9] 3. Name three parasites that affect sheep. Describe the effects of each parasite on the flock and outline treatment options. Reproduce this chart on a separate piece of paper to ensure you have sufficient space.

<b>Pest</b>	<b>Effects</b>	<b>Treatment Options</b>

- [6] 4. Scrapie is a fatal brain disease that affects sheep and goats. Describe the following:
  - a) The suspected cause of Scrapie.
  - b) The symptoms of the disease.
  - c) Ways in which sheep producers can monitor and manage their flocks for Scrapie prevention.
- [5] 5. List 5 predator control methods that can be used to protect sheep.
- [5] 6. What is the purpose of Canada’s National Farm Animal Care Council’s Recommended Codes of Practice for the Care and Handling of Farm Animals? How would the Code of Practice be beneficial to people raising sheep?
- [5] 7. Manure management and environmental concerns are important to any sheep operation. In two or three well-organized paragraphs, referencing the BC Environmental Farm Plan Program, include information on manure storage, removal and use, odour control, water contamination prevention, and any other concerns associated with manure management.
- [7] 8. a) Design your ideal breeding ewe operation, which also allows for future expansion. Your design should address the needs of the various age and special treatment groups as well as what is required to manage feed, manure, supplies and records. Include a diagram to support your answer.
- [6] b) List key areas of the operation that are integral to its overall design. What type of buildings/structures have you selected and why? How does your facility allow for future flock expansion, with particular reference to farm site location?
- [2] c) List at least two sources of information you plan to utilize to ensure you are taking advantage of the most current knowledge on facility design and related technologies.