

Harper Adams University

AMTRA SQP Assessments:

Sample Questions



Harper Adams
University



ANIMAL MEDICINES TRAINING REGULATORY AUTHORITY

18 July 2017

Veterinary Nurse Top-Up Examinations

Example Scenario: 40% (40 marks)

You are working as a C-SQP in a veterinary surgery that is registered as an approved premise with the VMD.

A lady, recently moved to the district and who has never been to a local vet practice, brings her collie into your parasite clinic. She expresses concern over a white caterpillar-like thing she has seen moving over her dog's bottom. Her neighbour says it is a tapeworm. She is concerned for the health of her children.

Discuss the information you must obtain from her, what you must record and what sort of product or products, if any, you would supply. Discuss the limitations on the products you could currently supply as an SQP. What advice would you give her and why?

Example Short Answer/Multi-Choice questions – 60% (60 marks) more than half Legislation, Some Parasite/Product, administration etc. based.

- 1) Draw lines to link the category of medicine with the group who may **SUPPLY** it

(2)

Medicine Category	Who can supply the medicine category?
POM-V	Anyone
POM-VPS	SQP
NFA-VPS	Vet and Pharmacist
AVM-GSL	Vet Only Vet, Pharmacist and SQP

- 2) The supply of products permitted to be supplied by a suitably qualified person must take place from premises approved by the Secretary of State. Outline the requirements for such a building.

(4)

- 3) Discuss the criteria which a medicine has to satisfy to be granted a marketing authorisation under EU law.

(3)

- 4) When a customer reports to you that they believe that there may have been a suspected adverse reaction to a medicine purchased from you, you should;

(1)

- A. Advise them to contact the manufacturer
- B. Advise them to use another product in future
- C. Report this to VMD
- D. Advise them to report the problem to AMTRA

5) A C-SQP must not infringe the Veterinary Surgeons Act. This means they must not; (1)

- A. Give advice on parasites
- B. Advise on medicines
- C. Diagnose a disease condition
- D. Work out the correct dose for the client

6) Which of the following statements is **false**? (1)

- A. A SQP must keep records of all outgoing transactions of POM- VPS products, which includes products sold and out of date products disposed of.
- B. A SQP must keep the following information for all products sold for a minimum of 5 years – name and quantity of product sold, batch numbers, name and address of customer, identify of animal, date of supply.
- C. A SQP must keep the following records for all authorised medicines coming into the registered premises – name of product quantity, name of supplier, batch numbers.
- D. A SQP must do at least an annual physical check of the authorised medicines held in their store

7) Why is control of tapeworms important in dogs exercised on farm land? (2)

8) Suggest a product (or active ingredient) that you, as a SQP supplying on your own responsibility, could supply to control all tapeworms in a cat. (1)

AMTRA SQP: Base Module Examinations

In the Base module exam, of the 100 marks available, approximately 45 will be based on the legislation section of the manual, (Section 1) the code of practice, other supporting documents and the SQP Compendium. Approximately 15 marks will be based on Section 2 of the manual and other supporting documents. Approximately 40 marks will come from Section 3 of the Manual and related elements of the SQP compendium.

The following questions are a sample of the styles of questions that may be asked in the Base exam. Ninety minutes are allocated for this exam.

- 1) APHA is responsible for which of the following? (1)
- A. Keeping a new register of SQP's
 - B. Inspecting new licensed premises
 - C. Identifying the need for new medicinal products and registering them
 - D. Controlling endemic and exotic diseases
- 2) Which of the following statements are correct? Choose A, B, C or D. When prescribing and supplying a POM-VPS or NFA-VPS medicine, a SQP must: (1)
- i) Be satisfied the user is competent to use it safely.
 - ii) Specifically advise on contraindications and warnings for the product supplied.
 - iii) Be satisfied the person intends to use it for the authorised use.
 - iv) Talk to the customer face to face.
 - v) Take any available health plan into account.
 - vi) Only supply a customer if they are over the age of 18.
 - vii) Keep products in a locked cabinet until sold.
 - viii) Advise on safe administration of the product supplied.
- A. All of these
 - B. i), ii), iii), iv) and viii)
 - C. ii), vi), vii) and viii)
 - D. i), ii), iii), v) and viii)

- 3) Draw lines to link the category of medicine with the group who may **SUPPLY** it
(2)

Medicine Category	Who can supply the medicine category?
POM-V	Anyone
POM-VPS	SQP
NFA-VPS	Vet and Pharmacist
AVM-GSL	Vet Only Vet, Pharmacist and SQP

- 4) An SQP is required to be able to use the SQP compendium. Using the compendium available to you, indicate which of these products is to be administered orally.
(1)

- A. Frontline Spot on Cat
- B. Panacur Equine Granules
- C. Ovipast Plus
- D. Animec Super

- 5) Which pair of organs is contained in the thoracic cavity
(1)

- A. Lungs and heart
- B. Liver and spleen
- C. Liver and lungs
- D. Heart and pancreas

- 6) Name two abdominal organs that are not part of the gastro intestinal tract, but contribute to digestion
(2)

- 7) Describe how a baby animal gets the maximum benefit from colostrum. (3)
- 8) What are pheromones? (1)
- 9) Name a protozoa of your choice, state an animal species it may infect and a potential ill effect of a heavy infection in that animal (2)
- 10) Briefly describe (or draw) the life cycle of a tapeworm, say where it lives and how it feeds. Suggest how an animal can become infested for the first time. (5)
- 11) Briefly describe three reasons why underdosing an animal with a medicine is undesirable (3)
- 12) What are neutraceuticals and what is the position on these regarding VMD licencing? (2)
- 13) What is the difference between a “Notifiable Disease and a “Zoonotic Disease” and give an example of each (3)

AMTRA SQP: Farm Animal Module Examinations

There is no project in the new farm animal module. It is replaced with a new section in the exam paper. Section A is based on a farm scenario with questions which MUST be answered using the data and subsequent information from the case study farm you will be sent on registering for your farm animal exam date.

The farm scenarios will vary over time so ensure you are tying your answer to the specific farm scenario you have been given. This scenario will also be provided in the exam room.

One of the following questions will appear on your exam paper. There will be no choice.

(40%)

- 1) *Suggest any further questions you should ask and any management advice you would give in the control of ectoparasites in all cattle on the farm.*

Create and justify a control plan for ectoparasites in all cattle of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP

- 2) *Suggest any further questions you should ask and any management advice you would give in the control of ectoparasites in all sheep on the farm.*

Create and justify a control plan for ectoparasites in all sheep of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP.

- 3) *Suggest any further questions you should ask and any management advice you would give in the control of endoparasites in all cattle on the farm.*

Create and justify a control plan for endoparasites in all cattle of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP

- 4) *Suggest any further questions you should ask and any management advice you would give in the control of endoparasites in all sheep on the farm.*

Create and justify a control plan for endoparasites in all sheep of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP

- 5) *Suggest any further questions you should ask and any management advice you would give in the use of POM-VPS vaccines in all cattle on the farm.*

Create and justify a plan on the use of POM-VPS vaccines in all cattle of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP

- 6) *Suggest any further questions you should ask and any management advice you would give in the use of POM-VPS vaccines in all sheep on the farm.*

Create and justify a plan on the use of POM-VPS vaccines in all sheep of all ages on this farm for an entire season. Justify your plan and product choices.

Detail the advice you would give to the Browns on supply of these products and for this farm and these products indicate what else you should do as an SQP

Section B. There will be no choice in the questions. The questions will relate to the scenario farm you have been given and will cover a range of species and topics. Answers are expected to be specific to the farm given, and if relevant should include specific example products

(30%)

- 1) Discuss how management of the poultry on this farm may predispose to an outbreak of coccidiosis and suggest ways to avoid this. (6)
- 2) What questions should you ask Mr Brown before prescribing and supplying wormers for his pig herd? (4)

Example Short Answer/Multi-choice Questions – 30%. May include relevant farm animal legislation

- 3) In the control of sheep scab, what must you also supply if the active ingredient of a veterinary medicinal product is an organophosphorus compound? (1)
- 4) Briefly describe TWO ways of eradicating sheep scab from a flock. Be specific if you intend to suggest using pharmaceutical products. (2)
- 5) When and in what class of animal does Nematodirus disease occur? Suggest **TWO** ways it could be prevented. (3)
- 6) Under what sort of conditions is it most common to see acute fluke disease in sheep? (1)
- 7) A farmer comes to you concerned about the possibility of rumen fluke in his herd of beef stores. It is November. What should you suggest and why? (2)

8) Mrs Smith is concerned to check whether there is anthelmintic resistance to her current anthelmintic. Describe how she can get a rough indicator of any resistance currently present

(3)

9) A farmer asks for some bolus for worm control in his cattle. Give 4 questions you should ask which are relevant to this request.

(2)

AMTRA SQP: Equine Module Examinations

Example Scenario (20 marks) (Choice of 1 out of 2)

In September a new (pony) owner, with no previous experience of horses, has just purchased a pony from a large riding stables. She has not yet taken delivery. She has heard about tapeworms, thinks they sound disgusting, but wants to know what they are and what she can do about them. The pony was recently wormed with "Panacur." Her new pony will be grazed on a field that has never had horses on it. Describe what tapeworms are to this new owner, how they might affect her pony and how she could control them. Discuss what she should do, if anything, now (September). If you recommend the use of any product explain how and when to use or administer it. Give any other advice relevant to your SQP role. What information must you obtain from the new owner?

Example Short Answer/Multi-choice Questions – 50% (30 marks)

- 1) What should a J-SQP do when presented with a prescription for a POM-VPS animal medicine for a sheep?

- 2) Complete filling in the table giving the group name / code of the **three major anthelmintic groups** used to control nematodes in horses, an example of the active ingredient, an example trade name and a parasite against which they are effective.

(3)

Class	Active Ingredient	Product example	Example Parasite Controlled
1BZ	Fenbendazole		
			Tapeworms
			Bots

- 3) What is the difference between a concentrate and a roughage? (2)

- 4) Briefly explain three ways the risk of development of an anthelmintic resistance problem on a livery yard could be reduced. (3)

AMTRA SQP: Companion Animal Module Examinations

Example Scenario (50%) (Choice of 1 out of 2)

A new client comes into your approved premises. She has recently moved into the area and wishes to worm her cat. It is a cat which hunts and eats mice, though it lives in the house. When it was vaccinated as a kitten her vet told her to ensure it was wormed regularly.

Discuss what information you would give the cat owner, what product or products, if any, you would sell and what advice you would give about how and when to administer the product or products. Give any other advice relevant to your SQP role. What information must you obtain from the new owner and what must you record?

Example Short Answer/Multi-choice Questions – 50% (30 marks)

- 1) Briefly describe the options on how to safely administer tablets to a dog (4)
- 2) Suggest a product (or active ingredient) that you, as a SQP supplying on your own responsibility, could supply to control all tapeworms in a cat. (1)
- 3) If a new client walked into your premises and said they thought their dog had mange and asked your advice, what would you do? (1)
- 4) Why is control of tapeworms important in dogs exercised on farm land? (1)

AMTRA SQP: Avian Animal Module Examinations

Example scenario (50%) Choose one out of two

Mrs White has a backyard flock of chickens. She uses eggs from the laying birds primarily for home use and baking. The birds are housed in small groups in “arks” on pasture which are moved on a regular basis. Some of these birds are commercial layers, others are rare breeds. Every year she uses bantams to rear some chicks from the purebred birds, keeps some and sells others as point of lay “trios”.

Mrs Jones has been talking to her friends who suggest a regular worming programme may improve her egg output. He asks for your advice and if suitable something to worm the birds.

Describe what poultry worms are, the effects they may have and how she could control them. Discuss what she should do, if anything, now (September). If you recommend the use of any product explain how and when to use or administer it. Give any other advice relevant to your SQP role. What further information must you obtain from the owner?

- 1) Briefly give three reasons why control of red mites in a backyard poultry flock can be difficult (3)

- 2) Describe three ways a poultry vaccine can be administered, giving an example of a vaccine that is administered by that route for each (6)

Description of method of administration	Example vaccine

- 3) Give three risks in handling aviary birds (3)