



Mark Scheme (Results)

Summer 2017

NQF BTEC Level 1/Level 2 Firsts in
Animal Care

Unit 1: Animal Health (21883G)

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Question Number	Answer	Mark
1	B – Hair loss	1

Question Number	Answer	Mark
2	C – Chicken	1

Question Number	Answer	Mark
3	D – Clear and bright E – Open and close freely	2

Question Number	Answer	Mark
4	A – Ringworm C – Salmonella	2

Question Number	Answer	Mark
5	A - Teeth	1

Question Number	Answer	Mark
6	Award one mark for correctly identifying each of the following labels: A = Hook(s) (1) B = Segment(s) (1)	2

Question Number	Answer	Mark
7	Award one mark for any of the following: <ul style="list-style-type: none"> • Lesions (accept warts / pustules / scabs / sores) on or in mouth • Lesions (accept warts / pustules / scabs / sores) on nose • Lesions (accept warts / pustules scabs / sores) on udders 	1

Question Number	Answer	Mark
8	<p>Award two marks for any of the following:</p> <ul style="list-style-type: none"> • Dull • Greasy • Bald patches • Knotted or matted <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
9	<p>Award two marks for any of the following, up to two marks.</p> <ul style="list-style-type: none"> • Sneezing • Discharge from nose or eyes • Depression / Lethargy • Fever • Conjunctivitis / Swollen eyes <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
10	<p>Award one mark for each of the following, up to two marks.</p> <ul style="list-style-type: none"> • Regular trimming • Walking on a hard surface <p>Accept any other appropriate wording.</p>	2

Question Number	Answer	Mark
11	<p>Award one mark for identification and one for expansion.</p> <p>Because you suspect they have a disease (1); to prevent that disease from spreading (1) Because the animal is new (1); to prevent the introduction of disease (1)</p> <p>Because the animal has only just arrived in the country (1); to prevent the introduction of disease (1)</p> <p>Accept words to that effect.</p>	2

Question Number	Answer	Mark
12	<p>Award one mark for each, up to two marks.</p> <p>Flea bites cause scratching / irritation (1); excessive scratching causes thickening of the skin (1)</p> <p>Accept words to that effect.</p>	2

Question Number	Answer	Mark
13	<p>Award one mark for any of the following:</p> <ul style="list-style-type: none"> • Sleep • Blood loss • Shock • Heart condition <p>Accept any other appropriate answer.</p>	1

Question Number	Answer	Mark
14	<p>Accept any two from the following answers, up to a maximum of two marks.</p> <ul style="list-style-type: none"> • The scales have not been zeroed • Animal movement affects results • Faulty scales <p>Accept any other suitable answer.</p>	2

Question Number	Answer	Mark
15	<p>Award one mark for:</p> <p>Animal Health Act</p>	1

Question Number	Answer	Mark
16	<p>Accept any two from the following answers (maximum two marks).</p> <ul style="list-style-type: none"> • Sneezing • Coughing • Discharge from eyes • Discharge from nose • Fever • Lethargy • Vomiting • Diarrhoea • Depression • Loss of appetite <p>Accept words to that effect.</p>	2

Question Number	Answer	Mark
17	<p>Award one mark for each identification of the change and one mark for each extension.</p> <p>Change in colour (1) indicating gastroenteritis/bacterial infection (1)</p> <p>Presence of blood (1) indicating parasites/stress/change of diet (1)</p> <p>Change in consistency (1) indicating parasites/stress/change of diet/dehydration (1)</p> <p>Accept any other appropriate answer or combination.</p>	4

Question Number	Answer	Mark
18a	<p>Award one mark for each correct piece of information.</p> <p>Tick bites the infected animal (1) and transfers disease to uninfected animal (1)</p>	2

Question Number	Answer	Mark
18b	<p>Award one mark for identification and one for extension .</p> <p>Less hair / hairless (1) granting easier access to the skin (1)</p> <p>Ears are often closer to the ground (1) making access easier (1)</p>	2

Question Number	Answer	Mark
18c	<p>Award one mark for identification and one mark for extension, up to four marks.</p> <p>Easily removed (1) because the dog can lick it off (1)</p> <p>Wrong dosage applied (1) because liquids can be spilled when administered (1)</p> <p>Can be an irritant to skin (1) because it contains chemicals (1)</p> <p>Accept any other appropriate answer.</p>	4

Question Number	Answer	Mark
19	<p>Award one mark for identification and one mark for extension, up to four marks.</p> <p>Ears laid flat (1) to make it appear smaller and less easy to spot (1)</p> <p>Growling / Squeaking (1) to try and scare off the cause of the stress (1)</p> <p>Enlarged eyes (1) to allow as much light in as possible and improve vision (1)</p> <p>Rapid breathing / heart rate (1) caused by increased adrenaline (1)</p> <p>Accept any other appropriate answer.</p>	4

Question Number	Indicative content	Mark
20	<p>All answers should make reference to the fact that the customers have caught salmonella.</p> <p>Candidates should discuss the importance of regular hand washing and the appropriate methods for this.</p> <p>Discussion of appropriate PPE and handling techniques.</p> <p>Candidates could discuss routes of indirect transmission.</p> <p>Candidates should explain that thorough cleaning and disinfecting of the enclosure is important.</p> <p>Candidates should explain how waste should be disposed of correctly.</p>	8
Level	Descriptor	

Level	Descriptor
0 0 marks	No rewardable material.
1 1-3 marks	A few key points identified, or one point described in some detail. The answer is likely to be in the form of a list. Only one viewpoint considered. Points made will be superficial / generic and not applied / directly linked to the situation in the question.
2 4-6 marks	Some points identified, or a few key points described. Consideration of more than one viewpoint but there will be more emphasis on one of them. The answer is unbalanced. Most points made will be relevant to the situation in the question, but the link will not always be clear.
3 7-8 marks	Range of points described, or a few key points explained in depth. All sides of the case are considered and the answer is well-balanced, giving weight to all viewpoints. The majority of points made will be relevant and there will be a clear link to the situation in the question.

