

Mark Scheme (Final)

March

NQF BTEC Level 1/Level 2 Firsts in
Animal Care

Unit 1: Animal Health (21883G)

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BTEC Next Generation Mark Scheme

Animal Care Unit 1 1706

Question Number	Answer	Mark
1	C - Lyme disease	1

Question Number	Answer	Mark
2	A - Eyes	1

Question Number	Answer	Mark
3	C - Basking E - White and brown faeces	2

Question Number	Answer	Mark
4	B - Red or black dots inside the ear E - Increased wax production	2

Question Number	Answer	Mark
5	A - Roundworm	1

Question Number	Answer	Mark
6	Award One mark for any of the following to a total of Two: <ul style="list-style-type: none">• Tick• Mosquito• Flea• Mite Accept any other appropriate answer.	2

Question Number	Answer	Mark
7	Award one mark for any of the following: <ul style="list-style-type: none">• Infection/ appropriate named disease Severe pain• Heat stroke Accept any other appropriate answer.	1

Question Number	Answer	Mark
8	<p>Award two marks for any of the following:</p> <ul style="list-style-type: none"> • Swelling around eyes • Loss of appetite • Fever • Swelling of head / face/ anus / genitals • Lumps • Blindness • Eye discharge/conjunctivitis • Difficulty breathing • Lethargy <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"> • Sodium • Chlorine • Potassium • Calcium • Magnesium • Phosphorous • Iron <p>Do not accept salt</p>	2

Question Number	Answer	Mark
10	<p>Award one mark for each correct answer, up to a maximum of two marks.</p> <ul style="list-style-type: none"> • Young cat/growing • Pregnant • Overfeeding/ Increased appetite/increased food intake • Lack of exercise • Been wormed <p>Do not accept "is eating" Accept any other appropriate response.</p>	2

Question Number	Answer	Mark
11	<p>Award one mark for each of the following, up to two marks.</p> <p>So it does not develop the disease (1)</p> <p>So the animal is exposed to a weakened form of the disease (1)</p> <p>To prepare the immune system (1)</p> <p>Reduced bio-security risk from using live bacteria (1)</p> <p>Accept any other appropriate response.</p>	2

Question Number	Answer	Mark
12	<p>Award one mark for each, up to two marks.</p> <p>Caecotrophs are eaten immediately after being produced (1) so that nutrients are not lost (1)</p> <p>Usually takes place at night (1) to prevent disturbance (1)</p> <p>Eaten directly from anus (1) to prevent contamination (1)</p> <p>Accept any other appropriate linked answer.</p>	2

Question Number	Answer	Mark
13	<p>Award one mark for any of the following:</p> <ul style="list-style-type: none"> • Lowered immune system/old/young • Stress • Ill health <p>Accept any other appropriate answer.</p>	1

Question Number	Answer	Mark
14	Accept any two from the following answers (maximum two marks). <ul style="list-style-type: none"> • Increased vocalisation • Pacing • Loss of appetite • Aggression • Feather plucking • Stop laying • Displacement activity • Becomes isolated • Physiological response <p>Accept any other suitable answer or wording.</p>	2

Question Number	Answer	Mark
15	Award one mark for: Low body temperature Animal becomes cold <p>Accept any other suitable wording.</p>	1

Question Number	Answer	Mark
16a	Award one mark for: every 4 -8 weeks (Accept any answers within this range as it is dependent on the product.)	1

Question Number	Answer	Mark
16b	Award one mark for: <ul style="list-style-type: none"> • Product make • Dosage • Batch number • Expiry date • Adverse reactions • Weight of animal <p>Do not accept any answer referring to date. Accept any other appropriate answer.</p>	1

Question Number	Answer	Mark
17	Award one mark for each correct piece of equipment identified and one mark for each correct extension, up to four marks. Dog grasper / dog catcher / dog pole (1) to catch dog without needing to come into direct contact with it (1) Basket muzzle (1) to prevent being bitten (1) Cage/crate (1) to isolate the dog from people (1) Lead/collar/harness (1) to control movement (1) Do not accept PPE. Accept any other suitable wording	4

Question Number	Answer	Mark
18a	<p>Award one mark for each correct piece of equipment identified and one mark for each correct reason, up to four marks.</p> <p>Provide intravenous fluids (1) to prevent dehydration (1)</p> <p>Provide antibiotics (1) to prevent any bacterial infection (1)</p> <p>Provide antiemetic drugs (1) to prevent vomiting and further dehydration (1)</p> <p>Feeding small regular meals (1) to provide sustenance (1)</p> <p>Accept any other suitable wording Accept any other valid response</p>	4

Question Number	Answer	Mark
18b	<p>Award one mark for each correct piece of equipment identified and one mark for each correct reason, up to four marks.</p> <p>Wear disposable PPE (1) to prevent transmission of the disease to other animals (1)</p> <p>Wash hands before and after working with the animal (1) to prevent zoonotic spread (1)</p> <p>Isolations / barrier nursing (1) to prevent spread of disease (1)</p> <p>Use correct restraint (1) to prevent injury/reduce stress (1)</p> <p>Accept any other suitable wording Accept any other valid response</p>	4

Question Number	Answer	Mark
19	<p>Award one mark for a correct answer and one mark for a linked response, up to four marks.</p> <p>Cat ingests / digests infected animal (1) eggs develop in cat (1)</p> <p>once in intestines(1) eggs develop into worms (1)</p> <p>Adult worms shed sections (1) in cat faeces is infected (1)</p> <p>eggs are released by segments (1) Eggs are ingested by host (mouse) (1)</p> <p>Accept any other suitable wording</p>	4

Question Number	Indicative content	Mark
20	<p>All answers should discuss carrying out a health check.</p> <p>Candidates may discuss assessing temperament and selecting appropriate equipment prior to carrying out the health check.</p> <p>Physical health and quantitative checks could be discussed.</p> <p>Candidates should make reference to the recording of information, creating a new record card for the animal and documenting the findings.</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.

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