

# Mark Scheme (Results)

Series: 2001

NQF BTEC Level 1/Level 2 Firsts in  
Animal Care

Unit 1: Animal Health (21883G)

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Question Number	Answer	Mark
1	C – Salmonella	1

Question Number	Answer	Mark
2	C – Tapeworm	1

Question Number	Answer	Mark
3	A – Panting B – Curling lips	2

Question Number	Answer	Mark
4	B – Bird flu E – Rabies	2

Question Number	Answer	Mark
5	A – Pink	1

Question Number	Answer	Mark
6	Award <b>one</b> mark for any of the following up to <b>two</b> marks. <ul style="list-style-type: none"> <li>• Mange mite</li> <li>• Ear mite</li> <li>• Harvest mite</li> <li>• Red mite</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
7	Award <b>one</b> mark for any of the following: <ul style="list-style-type: none"> <li>• Feline infectious enteritis</li> <li>• Feline herpes virus</li> <li>• Feline calicivirus</li> <li>• Feline leukaemia virus</li> <li>• Rabies</li> </ul>	1

Question Number	Answer	Mark
8	<p>Award <b>two</b> marks for any of the following up to <b>two</b> marks.</p> <ul style="list-style-type: none"> <li>• Cloudy / impaired vision</li> <li>• Discharge / puss</li> <li>• Irritation / watery</li> <li>• Eyes shut / partially open</li> <li>• Shed scales stuck on eyelid</li> <li>• Swelling</li> <li>• Redness / discolouration</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
9	<p>Award <b>two</b> marks for any of the following up to <b>two</b> marks.</p> <ul style="list-style-type: none"> <li>• Tapeworm / worm</li> <li>• Roundworm</li> <li>• Pregnancy</li> <li>• Tumor</li> <li>• Constipation</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
10	<p>Award <b>one</b> mark for any of the following up to <b>two</b> marks.</p> <ul style="list-style-type: none"> <li>• Presence of blood</li> <li>• Green / yellow colour</li> <li>• Presence of mucus</li> <li>• Constipation / hard faeces</li> <li>• Presence of worms</li> <li>• Presence of foreign objects</li> </ul> <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
11	<p>Award <b>one</b> mark for any of the following, up to <b>two</b> marks.</p> <p>Two parts (1) each of the same length (1)  Hard (1) with no cracks (1)  Appropriate length (1) to prevent overgrowth/  sharp edges / incorrect shape(1)  No foreign bodies / bleeding (1) causing pain (1)</p> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
12	<p>Award <b>one</b> marks for each, up to <b>two</b> marks.</p> <p>Freezing results in white hair growth (1)  allowing numbers / letters (1) to be tattooed/burnt onto the animal (1) as a permanent / highly visible/ unique means of identification (1)</p> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
13	<p>Award <b>one</b> mark for any of the following:</p> <ul style="list-style-type: none"> <li>• Ringworm</li> <li>• Thrush</li> <li>• Foot rot</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	1

Question Number	Answer	Mark
14	<p>Accept any <b>two</b> from the following answers (maximum <b>two</b> marks).</p> <ul style="list-style-type: none"> <li>• Scratching / itching</li> <li>• Biting</li> <li>• Alopecia / patchy fur</li> <li>• Skin thickening</li> <li>• Irritated/ red skin</li> <li>• Flaky skin</li> <li>• Stress</li> <li>• Presence of flea dirt</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
15	<p>Award <b>one</b> mark for:</p> <ul style="list-style-type: none"> <li>• Tick</li> <li>• Leech</li> <li>• Flea</li> <li>• Mosquito</li> </ul>	1

Question Number	Answer	Mark
16	<p>Accept any <b>two</b> from the following answers (maximum <b>two</b> marks).</p> <p>Animal does not come into contact with other animals/ isolated (1) direct contact of disease cannot occur (1)</p> <p>Contagious diseases (1) are contained (1)</p> <p>Barrier nursing (1) prevents indirect spread of disease (1)</p> <p>Increased monitoring (1) to ensure effective treatment (1)</p> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
17a	<p>Award <b>one</b> mark for each linked response up to <b>two</b> marks.</p> <p>Minerals / sodium / potassium / salts / ions (1) essential for normal cell functions / in a liquid form (1)</p> <p>Sugars / salts (1) to maintain water balance / provide energy (1)</p>	2

Question Number	Answer	Mark
17b	<p>Award <b>one</b> mark for each linked response up to <b>two</b> marks.</p> <p>Rebalance salt levels / provide energy (1) after Diarrhoea / vomiting /to r (1)</p> <p>Rehydrate (1) after exercise / illness (1)</p>	2

Question Number	Answer	Mark
18a	<p>Award <b>one</b> mark for each linked response up to <b>four</b> marks.</p> <ul style="list-style-type: none"> <li>• Isolate animals (1) to prevent spread of disease (1)</li> <li>• Wash self / clothing/ use PPE (1) to prevent zoonotic spread (1)</li> <li>• Record / report findings / take to vet (1) so diagnosis / treatment can be obtained (1)</li> <li>• Administer antifungal cream (1) to treat ringworm (1)</li> <li>• Health check/ additional checks (1) to identify any other symptoms (1)</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	4

Question Number	Answer	Mark
18b	<p>Award <b>one</b> mark for each linked response up to <b>four</b> marks.</p> <p>Excessive scratching (1) causes skin damage / stress (1)</p> <p>Animal deteriorates / fungus spreads over entire body (1) resulting in alopecia / irritation (1)</p> <p>Disease spreads to other animals (1) causing further suffering</p> <p>Disease spreads to people (1) causing disease outbreak(1)</p> <p>Secondary infection (1) due to broken skin (1)</p> <p><b>Accept any other appropriate answer.</b></p>	4



Question Number	Answer	Mark
19	<p>Award <b>one</b> mark for each linked response up to <b>four</b> marks.</p> <ul style="list-style-type: none"><li>• Have a biting mouth (1) to pierce through skin / feed off host (1)</li><li>• Hook like mouth (1) to stay attached (1)</li><li>• Have a tough, protective coating (1) to prevent being injured when they drop off (1)</li><li>• Specialised legs (1) to jump onto the host (1)</li><li>• Small (1) difficult to see (1)</li><li>• Covered in hairs (1) to improve attachment (1)</li><li>• Lay eggs / effective reproduction (1) to increase the number of individuals (1)</li><li>• Lay eggs on ground (1) to allow other animals to come into contact with them (1)</li></ul> <p><b>Accept any other appropriate answer.</b></p>	4

Question Number	Indicative content	Mark
20	<p>Candidates should discuss some or all of the following checks, providing explanations on how to carry out the check and what information this provides on the health of the animal:</p> <ul style="list-style-type: none"> <li>• Weighing the animals</li> <li>• Measuring the volume of food / water intake</li> <li>• Checking temperature with a digital or mercury thermometer</li> <li>• Checking pulse rate in BPM</li> <li>• Measuring respiration rate</li> <li>• Checking capillary refill time</li> <li>• Carrying out faecal egg counts</li> <li>• Carrying out blood tests</li> <li>• Limited discussion of physical health checks.</li> </ul> <p>Candidates may explain how to restrain the animal for each procedure.</p> <p>Candidates may make reference to the importance of PPE and minimising the spread of the disease.</p>	8
Level	Descriptor	
0 0 marks	No rewardable material.	
1 1–3 marks	A few key points identified, <b>or</b> 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, <b>or</b> 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, <b>or</b> 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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