

# Mark Scheme (Results)

June 2019

NQF BTEC Level 1/Level 2 Firsts in  
Animal Care

Unit 1: Animal Health (21883G)



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Summer 2019

Publications Code 21883G\_1906\_MS

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Question Number	Answer	Mark
1	<b>B</b> - Yellow	1

Question Number	Answer	Mark
2	<b>C</b> - Ringworm	1

Question Number	Answer	Mark
3	<b>A</b> - Parvovirus <b>D</b> - Myxomatosis	2

Question Number	Answer	Mark
4	<b>B</b> – Disposable gloves <b>D</b> – Face mask	2

Question Number	Answer	Mark
5	<b>A</b> – Excessive scratching	1

Question Number	Answer	Mark
6	Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation. <ul style="list-style-type: none"> <li>• So the animal does not feel it bite (1) and knock/brush it off (1)</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
7	Award <b>one</b> mark for any correct information: <ul style="list-style-type: none"> <li>• Opening freely</li> <li>• Clear</li> <li>• Free of discharge</li> <li>• Responsive</li> <li>• No swelling / discharge / infection</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	1

Question Number	Answer	Mark
8	<p>Award up to <b>two</b> marks for any of the following:</p> <ul style="list-style-type: none"> <li>• Damaged /rotten / missing teeth</li> <li>• Overgrown teeth</li> <li>• Foul-smelling breath</li> <li>• Excessive drooling</li> <li>• Slowed capillary refill time / pale gums</li> <li>• Evidence of redness along gums</li> <li>• Tarta</li> <li>• Ulcers</li> <li>• Bleeding gums</li> <li>• Infection / discharge</li> <li>• redness / swelling</li> <li>• Not eating / indicators of pain</li> <li>• Blisters</li> <li>• Bleeding mouth / scabs</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
9	<p>Award up to <b>two</b> marks for any of the following:</p> <ul style="list-style-type: none"> <li>• Virus</li> <li>• Bacteria</li> <li>• Fungi</li> </ul> <p><b>Accept any other appropriate answer.</b> <b>Do not accept parasites/ germs</b></p>	2

Question Number	Answer	Mark
10	<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>• Vector /flea /mosquito</li> <li>• Direct contact</li> </ul> <p><b>Accept any other appropriate answer.</b> <b>Do not accept indirect contact</b></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> <ul style="list-style-type: none"> <li>• Panting / beak gaping in birds / open mouth in reptiles</li> <li>• Sweating</li> <li>• Lethargy</li> <li>• Moving to cooler environment</li> <li>• Drinking</li> <li>• Lying down / reluctant to move</li> </ul> <p><b>Accept any other appropriate answer.</b></p>	2

Question Number	Answer	Mark
12	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation.</p> <p>The sensor end is being held (1) resulting in the thermometer taking the person's temperature (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>• Rabies</li> <li>• Salmonella</li> <li>• Ringworm</li> <li>• Foot and mouth</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>• Wash / remove pet bedding</li> <li>• Vacuum regularly</li> <li>• Use flea treatment for home</li> </ul> <p>Treat pet</p> <p><b>Accept any other suitable answer. Do not accept clean/disinfect furniture / wash dog without making reference to killing the fleas</b></p>	2

Question Number	Answer	Mark
15	<p>Award <b>one</b> mark for any of the following:</p> <ul style="list-style-type: none"> <li>• Fluids</li> <li>• Antibiotics</li> <li>• Anti-diarrhoeal drugs</li> </ul>	1

Question Number	Answer	Mark
16	<p>Accept the following (maximum <b>two</b> marks):</p> <ul style="list-style-type: none"> <li>• Licking of anus</li> <li>• 'Scooting' on bottom / scratching</li> </ul> <p><b>Accept any other suitable answer.</b></p>	2

Question Number	Answer	Mark
17a	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation.</p> <p>Main artery/ close to the skin /large blood supply (1) easy to feel/ strong pulse (1).  Easy to locate (1) making the process less stressful (1).  Away from animal's head (1) less likely to get bitten (1).</p>	2

Question Number	Answer	Mark
17b	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation.</p> <p>Pulse rate increase / Fever causes an increase in heart rate (1) fights the infection (1).</p> <p>Pulse rate decreases (1) body shuts down / dying (1)</p>	2

Question Number	Answer	Mark
18a	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation up to a maximum of <b>four</b> marks.</p> <ul style="list-style-type: none"> <li>• To keep animal still (1) to ensure accurate reading/ weighed correctly (1).</li> <li>• To prevent escape (1) as they are flight animals / scared (1)</li> <li>• To reduce stress to the animal/ prevent aggression (1) to prevent injury to animal/handler (1).</li> <li>• To maintain hygiene (1) to prevent cross contamination (1).</li> </ul> <p><b>Accept any other appropriate answer / combination of identification and explanation</b></p>	4

Question Number	Answer	Mark
18b	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation up to a maximum of <b>four</b> marks.</p> <ul style="list-style-type: none"> <li>• It has worms (1) which prevents the dog from absorbing the nutrients (1).</li> <li>• It has a named illness/stress (1) /vomiting/diarrhoea/ lack of absorption (1).</li> <li>• Increased exercise (1) so more energy used than gained through food (1)</li> </ul> <p><b>Accept any other appropriate answer. Do not accept old age / anorexia</b></p>	4



Question Number	Answer	Mark
19	<p>Award <b>one</b> mark for each correct piece of information and <b>one</b> mark for correct explanation up to a maximum of <b>four</b> marks.</p> <ul style="list-style-type: none"><li>• Difficult to administer (1) as you have to open their mouth (1).</li><li>• Health and safety issue (1) as they could get bitten (1).</li><li>• Could spit it out/receive part of the dose (1) therefore will not be effective (1).</li><li>• Allergic reaction / side effects (1) causing suffering to the animal (1)</li><li>• Incorrect dosage given (1) overdose / ineffective treatment (1)</li></ul> <p><b>Accept any other appropriate answer.</b></p>	4

Question Number	Indicative content	Mark
20	<p>Candidates should discuss signs of ill health in relation to body parts, diet, behaviour, defecation.</p> <p>Candidates should outline common signs of ill health, for higher marks they should reference conditions specific to the bearded dragon and named illnesses.</p> <p>Candidates may make reference to the presence of parasites or/and specified illnesses.</p> <p>Candidates should explain the signs and symptoms of common bearded dragon illnesses.</p> <p>Where zoonotic diseases are discussed, the candidate should make reference to the importance of PPE and minimising the spread of the disease.</p> <p>Candidates may make reference to taking the bearded dragon to the vet if disease is suspected.</p> <p>Candidates may make reference to the impact the environmental conditions of the vivarium may have on their health.</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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