



Mark Scheme (Results)

January 2021

Pearson BTEC First
In Animal Care (21883G)
Unit 1: Animal Health

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Unit 1: Animal Health

General marking guidance

- All learners must receive the same treatment. Examiners must mark the first learner in exactly the same way as they mark the last.
- Mark grids should be applied positively. Learners must be rewarded for what they have shown they can do rather than be penalised for omissions.
- Examiners should mark according to the mark grid, not according to their perception of where the grade boundaries may lie.
- All marks on the mark grid should be used appropriately.
- All the marks on the mark grid are designed to be awarded. Examiners should always award full marks if deserved. Examiners should also be prepared to award zero marks, if the learner's response is not rewardable according to the mark grid.
- Where judgement is required, a mark grid will provide the principles by which marks will be awarded.
- When examiners are in doubt regarding the application of the mark grid to a learner's response, a senior examiner should be consulted.

Specific marking guidance

The mark grids have been designed to assess learners' work holistically.

Rows in the grids identify the assessment focus/outcome being targeted. When using a mark grid, the 'best fit' approach should be used.

- Examiners should first make a holistic judgement on which band most closely matches the learner's response and place it within that band. Learners will be placed in the band that best describes their answer.
- The mark awarded within the band will be decided based on the quality of the answer in response to the assessment focus/outcome and will be modified according to how securely all bullet points are displayed at that band.
- Marks will be awarded towards the top or bottom of that band depending on how they have evidenced each of the descriptor bullet points.

Question Number	Answer	Mark
1	B - Myxomatosis	1

Question Number	Answer	Mark
2	A – Marek’s disease	1

Question Number	Answer	Mark
3	A - Discharge E - Limping	2

Question Number	Answer	Mark
4	C – Culling D - Quarantine	2

Question Number	Answer	Mark
5	B - Tapeworm	1

Question Number	Answer	Mark
6	Award one mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> • Length of nails • Cuts / abrasions on pads • Cracked / chipped / missing nails • Weight bearing • Presence of grass seeds 	2

Question Number	Answer	Mark
7	Award one mark for any of the following: <ul style="list-style-type: none"> • Shedding • Smooth scales • No discharge / cuts 	1

Question Number	Answer	Mark
8	Award one mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> • Salmonella • Rabies • Ringworm <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
9	<p>Award one mark for any of the following up to a maximum of two marks:</p> <ul style="list-style-type: none"> • Pregnancy • New born • Recovering from illness / weight loss <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
10	<p>Award one mark for any of the following up to a maximum of two marks:</p> <ul style="list-style-type: none"> • Presence of bacteria • White blood cell count • Calcium levels • Magnesium levels • Sugar levels <p>Accept any named disease.</p>	2

Question Number	Answer	Mark
11	<p>Award one mark for any of the following up to a maximum of two marks:</p> <ul style="list-style-type: none"> • Clean • No redness • No swellings • No smell • No attached faeces <p>Accept any other appropriate answer.</p>	2

Question Number	Answer	Mark
12	Award one mark for identification and one additional mark for appropriate expansion. Allow smooth entry (1) avoid discomfort / injury (1) Accept any other relevant phrasing/wording.	2
Question Number	Answer	Mark
13	Award one mark for the following: <ul style="list-style-type: none"> • Lacking energy Accept any other appropriate wording.	1

Question Number	Answer	Mark
14	Award one mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> • Ribs are easily visible • Spine is easily visible • Pelvic bones are easily visible • Obvious loss of muscle mass • No palpable fat on the chest Accept any other appropriate answer.	2

Question Number	Answer	Mark
15	Award one mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> • Leg / scale mite • Red mite Accept any other appropriate answer.	1

Question Number	Answer	Mark
16	Award one mark for any of the following up to a maximum of two marks: <ul style="list-style-type: none"> • Lyme disease (1) • Myxomatosis (1) • Malaria (1) Accept any other appropriate answer.	2

Question Number	Answer	Mark
17	<p>Award one mark for the identification and one additional mark for the appropriate expansion to a maximum of four marks.</p> <ul style="list-style-type: none"> • Protect clothes (1) from dirt • Protect self (1) from zoonotic disease / injury (1) • Prevent cross contamination (1) between animals <p>Accept any other valid response.</p>	4

Question Number	Answer	Mark
18a	<p>Award one mark for the identification and one additional mark for the appropriate expansion to a maximum of four marks.</p> <p>Pillowcase: To contain a snake (1) to allow the snake to move / to keep the environment dark (1)</p> <p>Crush cage: To contain an aggressive/ dangerous animal (1) to carry out an examination / procedure/ vaccination (1)</p> <p>Accept any other valid response.</p>	4

Question Number	Answer	Mark
18b	<p>Award one mark for the identification and one additional mark for the appropriate expansion to a maximum of four marks.</p> <ul style="list-style-type: none"> • Antibiotics (1) to prevent secondary infection (1) • Fluids (1) to prevent dehydration (1) <p>Accept any other valid response.</p>	4

Question Number	Answer	Mark
19	<p>Award one mark for the identification and one additional mark for the appropriate expansion to a maximum of four marks.</p> <ul style="list-style-type: none"> • Weight loss (1) due to worms absorbing nutrients (1) • Bloated abdomen (1) build-up of gas (1) • Vomiting (1) as a result of worm blockage (1) • Diarrhoea (1) due to incorrect digestion of food (1) <p>Accept any other valid response.</p>	4

Question Number	Indicative content	Mark
20	<p>Responses may include the following.</p> <ul style="list-style-type: none"> • Identification of ringworm • Prevent access to farm until cause is identified and isolated • Isolation requirements for all animals • Treatment – antifungal cream • Examples of barrier nursing; • Importance of personal hygiene: PPE, hand washing • Monitor / treat other animals • Preventing visitor contact <p>Accept any other valid response.</p>	8
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. 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. 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. The majority of points made will be relevant and there will be a clear link to the situation in the question.	

Command word '**Discuss**'

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.



Llywodraeth Cynulliad Cymru
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