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Mark Scheme (Results)

Summer 2017

BTEC Level 1/Level 2 Firsts Equine
Studies

Unit 1: Equine Health and Welfare
(21893G)

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Question Number	Answer	Mark
1	<p>Accept one of the following:</p> <ul style="list-style-type: none"> • To protect animals (1) • To keep animals healthy (1) • To prevent cruelty to animals (1) <p>Accept any correct variation of the above. Accept either horse or animal.</p>	1

Question Number	Answer	Mark
2	Animal Welfare Act	1

Question Number	Answer	Mark
3	A Freedom from hunger and thirst B Freedom from discomfort	2

Question Number	Answer	Mark
4	<p>Accept one of the following:</p> <ul style="list-style-type: none"> • Unusual movement/limping • Holding a leg up • Pointing a front foot • Raising head when a front leg touches the ground • Not walking correctly/reluctant to walk <p>Do not accept 'Not walking' alone. Accept any other valid answer.</p>	1

Question Number	Answer	Mark
4b	<p>Accept one of the following</p> <ul style="list-style-type: none"> • Box rest • Administer painkillers / medication • Cold compress / hose • Hot tubbing • Apply poultice 	1

Question Number	Answer	Mark
5	Sand/Sand crack Do not accept grass crack.	1

Question Number	Answer	Mark
6	Accept two of the following: <ul style="list-style-type: none"> • To preserve life • To prevent future harm • To prevent the condition worsening further • To promote recovery Accept any other valid response.	2

Question Number	Answer	Mark
7a	C Equine influenza E Strangles	2

Question Number	Answer	Mark
7bi	Accept any two of the following: <ul style="list-style-type: none"> • Biting flanks • Looking at flanks • Pawing the ground • Rolling or wanting to lie down • Lack of appetite • Lack of defecation • Excessive sweating • Abnormal gut sounds Accept any other valid response.	2

Question Number	Answer	Mark
7bii	Accept any two of the following: <ul style="list-style-type: none"> • Use an alternative to straw bedding • Use shavings • Wet/Soak the hay • Feed hay from the floor • Feed high quality hay • Feed haylage • Ensure good ventilation Accept any other valid response.	2

Question Number	Answer	Mark
8	<p>Accept any two linked pairs.</p> <ul style="list-style-type: none"> • Laminitic stance (1) to reduce pressure (1) • Reluctant to walk (1) because walking is painful (1) • Lying down (1) so that they take the weight off their feet (1) • Sweating/Elevated respiratory rate (1) due to pain (1) • Inflammation (1) due to reduced blood flow (1) <p>Accept any other valid response.</p>	4

Question Number	Answer	Mark
9	<p>Accept any one linked pair.</p> <ul style="list-style-type: none"> • Limit handling of horse to one person (1) to prevent spread by direct contact (1) • Do not share grooming kits/rugs/tack/numnahs (1) to prevent indirect spread (1) <p>Accept any other valid response.</p>	2

Question Number	Answer	Mark
10a	<p>Accept any two of the following:</p> <p>Check for signs of illness (1) Check for signs of injury (1) Check status of feed (1) Check status of water (1) Adjusting rugs if worn (1) Picking up droppings (1) Checking that the horse has recovered from exercise/work (1)</p> <p>Accept any other valid response.</p>	2

Question Number	Answer	Mark
10b	<p>Accept any two linked pairs.</p> <ul style="list-style-type: none"> • Lack of feed or water provided (1) as the horse is not getting enough calories/energy (1) • Age of horse (1) as older horses will lose weight/condition more easily (1) • Lack of suitable shelter or rugs (1) as a cold or wet horse will lose weight/condition quicker (1) • Over exercise (1) would cause a horse to use too much energy (1) • Stress (1) would cause a horse to not eat (1) • Problems with teeth (1) would mean a horse would not be able to eat properly and would lose weight/condition (1) • Worm burden (1) would mean the horse cannot digest the food correctly and would lose weight/condition (1) 	4

Question Number	Answer	Mark
11a	D – Hard condition	1

Question Number	Answer	Mark
11b	<p>Accept two of each of the following:</p> <p>colour (1) consistency (1) number passed through the day (1) abnormal droppings to include stress or excitement (1) abnormal droppings to include worm burden (1) change in food (1) disease (1) problems with teeth (1)</p>	2

Question Number	Answer	Mark
11c	<p>Accept two of the following:</p> <ul style="list-style-type: none"> • Not eating normally • Not drinking normally • Quidding • Sunburn on muzzle • Damage from bit <p>Accept any other valid response.</p>	2

Question Number	Answer	Mark
12a	<p>Accept any two of the following:</p> <ul style="list-style-type: none"> • To prevent spread of any disease • Monitor behaviour • Monitor health status • To allow horse time to settle in its new environment 	2

Question Number	Answer	Mark
12b	<p>Accept two linked pairs.</p> <ul style="list-style-type: none"> • The horse must be kept as far away as possible (1) to prevent the horse coming into contact with others (1) • One person should care for the horse (1) to prevent disease transfer (1) • Dedicated mucking out and grooming equipment should be used for the horse (1) so that any disease is not passed on to other healthy horses (1) • Maintain accurate records (1) to allow effective monitoring (1) • The horse should be handled last (1) to prevent disease transfer (1) 	4

Question Number	Answer	Mark
13	<p>Accept two linked pairs.</p> <ul style="list-style-type: none"> • The bleeding should be stopped (1) so that the horse does not lose too much blood (1) • The wound should be cleaned (1) so that the wound does not become infected (1) • The wound should be dressed/bandaged (1) to prevent further injury/infection/promote healing (1) • Call the vet (1) as further treatment may be required, e.g. stitching, antibiotics, etc. (1) 	4

Question Number	Indicative content	Mark
14	<p>Understanding of the legal duty of care and makes it clear this is part of the Animal Welfare Act 2006.</p> <p>How the Animal Welfare Act is linked to the routine care of the horses in relation to the 5 freedoms.</p> <p>Freedom from hunger and thirst, e.g. regular and appropriate feeding and watering regime</p> <p>Freedom from discomfort, e.g. regular farriery care, correctly fitting tack, appropriate riders</p> <p>Freedom from pain, injury and disease, e.g. vaccinations, appropriate healthcare, veterinary attention</p> <p>Freedom to express normal behaviour, e.g. contact with other horses, turnout</p> <p>Freedom from fear and distress, e.g. prevention of cruelty and removal of stressors</p> <p>Appropriate discussion of any other relevant legislation e.g. Animal Health Act 1981 / Riding Establishment Act 1967</p>	8
Level	Descriptor	
0 0 marks	No rewardable material.	
1 1-3 marks	<p>A few points identified, or one point described in some detail.</p> <p>The answer is likely to be in the form of a list.</p> <p>Points made will be superficial/generic and not applied/directly linked to the situation in the question.</p>	
2 4-6 marks	<p>Limited range of points identified, or a few points described.</p> <p>Consideration has been given to the business and horses, but there will be limited information. The answer is unbalanced.</p> <p>Most points made will be relevant to the situation in the question, but the link will not always be clear.</p>	
3 7-8 marks	<p>Range of points described, or a few key points explained in depth.</p> <p>Detailed consideration has been given to the business and how the horses would be kept, in a balanced way.</p> <p>The majority of points made will be relevant and there will be a clear link to the situation in the question.</p>	

