

0172-508 March 2018

Level 3 Advanced Technical Certificate in Equine Management

Level 3 Equine Management – Theory Exam (2)



Q1	Describe three common performance limitations in a rider which can influence the horse's way of going. (3 marks)
1	1 mark each, up to 3 marks <ul style="list-style-type: none">• Lack of confidence affects ability to ride and the horse's <u>response</u> to rider instructions. [1]• A nervous rider could be tense and this will affect their sitting position which in turn affects the horse's <u>movements</u>. [1]• Riding a new horse could result in awkward or ineffective posture or leg positioning affecting the horse's <u>gait</u>. [1]

Q2	State three common horse behaviour problems which can occur when show jumping a horse. (3 marks)
2	1 mark each, up to 3 marks <ul style="list-style-type: none">• Refusing [1]• Running out [1]• Rushing [1]• Knocking down poles [1]

Q3	Explain how natural aids can influence the horse's way of going. (6 marks)
3	1 mark for each point, up to 6 marks <p>Natural aids (legs, hands, seat and voice) can be positioned strategically [1] and used very lightly to heavily/strongly [1] depending on the response required from the horse [1].</p> <p>Legs can be used to increase impulsion [1] and/or create bend for lateral work [1].</p> <p>Hands control the horse's head and shoulders [1] and can be used as a retraining aid [1] or a guiding aid for direction [1].</p> <p>Seat can be used to influence impulsion in the horse. [1]</p> <p>Verbal noises encourage the horse to move forward. [1]</p>

Q4	Explain how performing 'figures of eight' and 'lengthening and shortening' the stride can improve a young horse's way of going. (4 marks)
4	Up to 2 marks for each explanation, up to 4 marks total <p>Lengthening and shortening will improve the horses muscle strength [1] which will help to improve balance and rhythm. [1] It</p>

	<p>also develops the horse's responsiveness to the rider's commands. [1]</p> <p>Figures of eight exercises are good to supple the horse [1] and promote bendiness due to the changes in direction. [1] This allows the horse to perform subsequent movements more effectively. [1]</p>	
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Q5	State four indicators of physical stress in the horse. (4 marks)	
5	<p>1 mark each, up to 4 marks</p> <ul style="list-style-type: none"> • increased heart rate [1] • increased respiration rate [1] • reduced recovery rate [1] • sweating [1] • injury [1] • dehydration [1] • fatigue [1] 	

Q6	State four factors that need to be taken into consideration when preparing a horse for a fittening programme. (4 marks)	
6	<p>1 mark each, up to 4 marks</p> <ul style="list-style-type: none"> • seasonal [1] and environmental considerations [1] • management system - transition from stable to field kept and vice-versa [1] • feeding requirements ie increase/decrease [1] • foot care and shoeing requirements [1] • clipping/rugging up requirements [1] • tack and equipment [1] • health care e.g. worming [1], vaccinations [1], grooming [1], timescales [1] 	

Q7	Explain six physiological effects that training will have on the horse's musculoskeletal system. (6 marks)	
7	<p>1 mark each, up to 6 marks</p> <p>Exercise;</p> <ul style="list-style-type: none"> • increases size/strength of muscles [1] • stimulates the bones to form harder tissues [1] increasing strength [1] • increases tendon strength helping to prevent physical injury [1] • weight bearing exercise maintains healthy cartilage [1] • physical stress builds stronger bones [1], maintains ligament strength [1] and durability [1], 	<p>Accept any other correct answer that refer to the musculoskeletal system & parts that change</p>

Q8	Describe the impact of using interval training in an equine fittening programme. (4 marks)
8	<p>up to 2 marks for each type of work. 4 marks maximum</p> <p>Interval training – works cardio vascular system [1] which increases the strength of the heart [1], muscles [1] lungs [1]. This helps the system adapt to the stress placed upon it [1]. It also develops the capacity of the horse's respiratory [1] and circulatory systems [1]. As the heart beats stronger it is able to pump more blood round the body [1] to provide the muscles with more oxygen [1].</p>

Q9	Explain the most important aspect to consider when roughing off a clipped horse in the winter months. (2 marks)
9	<p>1 mark for each point, up to 2 marks</p> <p>A clipped horse has reduced natural protection [1] and will get cold more easily [1]. It needs to be acclimatised to the cold gradually [1] as sudden exposure can lead to health problems [1].</p>

Q10	State two book keeping records that are used to monitor business progress and performance. (2 marks)
10	<p>1 mark for each, up to 2 marks</p> <p>book keeping records, i.e.:</p> <ul style="list-style-type: none"> • cash analysis [1], • petty cash [1], • cash flow [1], • budgets [1], • computer accounts programmes [1]

Q11	State two of the responsibilities of the managing director of a feed company. (2 marks)
11	<p>1 mark for each, up to 2 marks</p> <ul style="list-style-type: none"> • promote the success of the company [1] • successfully implementing company policy [1] • developing strategic plans [1] • controlling finance [1] • building and maintaining an effective management team [1] • assuming full accountability for all company operations [1]

Q12	Explain why it is important for a riding school to keep horse passport records up to date. (4 marks)
12	<p>1 mark for each explanation, up to 4 marks</p> <ul style="list-style-type: none"> • it is a legal requirement to protect the human food chain [1]

	<ul style="list-style-type: none"> • to stop horses being administered medication (e.g. Bute) [1] that could cause serious health issues to people or other animals [1] • to ensure transferable diseases are not spread [1] • needed by vets to check the medical history prior to administering medical treatment [1] in case of allergies, [1] known adverse reactions, [1] contraindications or toxic clash. [1] • to protect against falsification when selling horses [1] and/or unlawful trading of horse (stolen livestock). [1] 	
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Q13	Explain the importance of the product supply chain for a tack shop business. (4 marks)	
13	<p>1 mark for each explanation, up to 4 marks</p> <ul style="list-style-type: none"> • Money – an ineffective supply chain can cost the business money [1] due to lack of stock. [1] • Reputation - a lack of stock can lead to a poor reputation [1] which may lead to a loss of customer [1] • Customers - a reduction in the number of customers may occur if stock is not present in the tack shop [1] • Customer satisfaction will reduce if products are not available. [1] • Finances – the tack shop may make less money if there is a lack of efficiency in the supply chain. [1] • Staff turnover - staff turnover may increase if the tack shop is not performing well [1] it can be costly to recruit staff [1] and time consuming to train them. [1] Resulting in inconsistent customer service. [1] 	

Q14	A successful livery yard is developing a new sector of its business by breaking and schooling horses. Discuss how understanding the marketplace, customers and competitors could help the new venture succeed. (12 marks)	
14	<p>Band 1: (1 – 4 marks); basic explanation showing some knowledge of what is required for a breaking and schooling business, including some technical terms. Superficial information given with little or no connection between the requirements of a breaking and schooling business and how to market a new business. Some basic examples of how to attract new customers given. Little or no justification for examples given. To access higher marks the response will include basic examples of how to attract new customers to the business.</p> <p>Band 2: (5-8 marks); clear explanation showing knowledge and understanding of what is required for a breaking and schooling business, including correct use of most technical terms. Detailed information given demonstrating some connection between the business and successful marketing. Examples given of how to attract new customers. Some justifications for examples given with reasonable detail. To access higher marks the response will show some justification of the examples given.</p> <p>Band 3: (9-12 marks); comprehensive explanation showing accurate knowledge of what is required for a breaking and</p>	<p><i>Indicative content</i></p> <ul style="list-style-type: none"> • Knowledge of horses' needs for breaking and schooling. • Knowledge of the business needs for the new venture. • Examples of how to attract new customers to the business. • Improving customer base. • Understand physical resources needed. • Knowledge of the market place.

schooling business, correct use of technical terms. Thorough information given demonstrating a detailed connection between the business and successful marketing. Detailed examples given of how to attract new customers. Clear and accurate justification for examples given. To access higher marks the response will fully justify examples given linking knowledge of the business needs to marketing examples.

For **no** awardable content, award 0 marks