



**0172-504 MARCH 2018**

**Technicals in Equine Management**

Level 3 Equine Management – Theory exam (1)

If provided, stick your candidate barcode label here.

**Wednesday 7 March 2018**  
**09:30 – 11:30**

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Gender (M/F)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration\*

• If any additional answer sheets are used, enter the additional number of pages in this box.

• Please ensure that you **staple** additional answer sheets to the **back** of this answer booklet, clearly labelling them with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.

• All candidates need to use a **black/blue pen**. **Do not** use a pencil or gel pen.

• If provided with source documents, these documents **will not** be returned to City & Guilds, and will be shredded. **Do not** write on the source documents.

**\*I declare that I had no prior knowledge of the questions in this assessment and that I will not divulge to any person any information about the questions.**

**You should have the following for this examination**

- a pen with blue or black ink

**General instructions**

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 14 questions. Answer **all** questions.
- Answer the questions in the spaces provided. Answers written in margins or on blank pages will **not** be marked.
- Cross through any work you do not want to be marked.



1 State the considerations when assessing the water provision for horses that are turned out. (4 marks)

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2 Explain **three** benefits for **each** of the following management systems with regard to maintaining the health and welfare of horses. (3 marks)

a) Stabled. (3 marks)

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b) Grass kept. (3 marks)

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3 State **four** of the symptoms found in a horse with a heavy worm burden. (4 marks)

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4 Explain how artificially acquired immunity enables the horse to fight infection. (3 marks)

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5 Give an example of a situation that explains when euthanasia is in the horse's **best** interests. (3 marks)

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6 Describe the preventative care measures that should be taken for a horse that suffers from recurring Equine Rhabdomyolysis. (4 marks)

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7 State what adjustment to the diet would need to be made from maintenance levels and explain why, for  
a) an obese horse (2 marks)

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b) a horse in medium work (2 marks)

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c) a pregnant mare in the third trimester. (2 marks)

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8 Explain the importance of palatability when planning a horse's diet. (2 marks)

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9 Using scientific terminology, state the **three** different types of carbohydrates. (3 marks)

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10 State where in the horse's digestive system the following nutrients are absorbed.  
a) Fibre. (1 mark)

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b) Fats. (1 mark)

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c) Proteins. (1 mark)

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11 Describe the effects of evolution on **each** of the following anatomical adaptations in the horse.

a) Limbs. (1 mark)

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b) Neck. (1 mark)

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c) Size. (1 mark)

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12 Explain why a stabled horse might start to box walk. (4 marks)

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13 Using a specific example, explain how environmental enrichment improves a stabled horse's behaviour and temperament. (3 marks)

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