



0172-531 JUNE 2017

Level 3 Advanced Technical Certificate in Animal Management  
Written

Level 3 Animal Management – Theory exam (1)

If provided, stick your candidate barcode label here.

Thursday 22 June 2017  
13:30 – 15:00

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**

- pen with black or blue ink
- non-programmable calculator

**General instructions**

- Short answers are required.
- The maximum marks for each section within a question are shown.
- Answer **all 17** 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.

See the latest qualification handbook for the 2018 exams have changed. The content sampled will vary from this paper. The updated test specification.

1 Select **two** needs that must be provided under the Animal Welfare Act 2006 and explain how meeting these needs benefits the animal. (2 marks)

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2 State **three** considerations when administering medication. (3 marks)

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3 Suggest **two** different appropriate actions that should be taken after each of the following first aid situations. (1 mark)

a) Convulsions.

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b) Poisoning.

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c) Burns and scalds.

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d) Haemorrhage.

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4 Describe **one** sign/symptom and explain one suitable treatment for **each** of the following nutritional disorders.

a) Obesity. (2 marks)

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b) Diabetes. (2 marks)

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c) Constipation. (2 marks)

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d) Calcium deficiency. (2 marks)

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5 Give **one** example of how food is digested in an animal's body using each of the following processes.

a) Mechanical/physical. (1 mark)

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b) Chemical. (1 mark)

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c) Microbial. (1 mark)

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6 Define the term anorexic. (1 mark)

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7 Explain how ruminants have adapted to digest fibre. (4 marks)

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8 a) Define the term dry matter. (1 mark)

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b) The average voluntary food intake (appetite) of the sheep is 2.5% of body weight. Calculate the appetite of the following.

i) 50 kg sheep. (1 mark)

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ii) 80 kg sheep. (1 mark)

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9 Evaluate **three** factors that should be considered in the feeding plan for a geriatric animal. (3 marks)

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10 Describe **three** natural behaviours of a named animal during courtship. (3 marks)

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11 Describe **one** link between the environment and the behaviour of the bat. (1 mark)

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12 Compare the behaviour of a bear living in the wild with a bear living in captivity. (2 marks)

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13 Give **two** examples of how each of the following factors can influence the behaviour of animals. (2 marks)

a) Hormones.

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b) Fixed action patterns. (2 marks)

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c) Seasonal variation of food availability in the wild. (2 marks)

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14 Explain **one** possible cause for the near-extinction of the white rhino. (1 mark)

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15 State **two** requirements of the Animal Boarding Establishments Act 1963. (2 marks)

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16 Define the following terms giving one example of each. (1 mark)  
a) Dystocia.

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b) Post-partum problems. (1 mark)

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