



**0172-539 MARCH 2018**

**Technicals in Animal Management**

Level 3 Animal Management – Theory exam (2)

If provided, stick your candidate barcode label here.

**Monday 12 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 Identify **three** types of records that a business should keep in relation to taxation? (3 marks)

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2 State **four** signs of Newcastle disease in an avian species. (4 marks)

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3 Explain **two** health related consequences of poor avian husbandry. (4 marks)

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4 State **two** pieces of legislation or guidelines that relate to zoological collections in the UK. (2 marks)

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**Figure 1**

<http://www.aboutfishonline.com>

5 a) Identify the disease visible in Figure 1. (1 mark)

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b) State the type of pathogen responsible. (1 mark)

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6 State **three** considerations when siting an aquarium in a home. (3 marks)

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7 State **four** reasons for using a naturalistic approach to enrichment for avian species. (4 marks)

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8 Explain how different filtration systems maintain the health and stability of an aquarium. (3 marks)

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9 Explain why a range of feeding techniques need to be used for a mixed species tank. (6 marks)

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10 State one factor that should be considered before breeding birds in captivity and describe **two** reasons for this. (3 marks)

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- 11 An Animal Care Assistant needs to provide enrichment for a mammal in their care. State **two** types of enrichment techniques and describe how they can be used for a named mammal. (6 marks)

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- 12 Explain the feeding and nutritional requirements for a geriatric zoo animal. (5 marks)

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- 13 Explain how good record keeping supports decision making and performance monitoring. (3 marks)

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14 You have decided to start your own mobile zoo business.  
As part of your business model, you've been asked to discuss the ethical and marketplace considerations in setting up a viable business.

(12 marks)

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