



**0172-535 MARCH 2019**

**Level 3 Technicals in Animal Management (Zoos and Wildlife)**

Level 3 Animal Management – Theory exam (2)

If provided, stick your candidate barcode label here.

**Monday 11 March 2019**  
**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 additional answer sheets are used, enter the additional number of pages in this box. 
- Before taking the examination, **all candidates** must check that their barcode label is in the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.
- Please ensure that you staple additional answer sheets to the **back** of this answer booklet, clearly labelling these 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, unless otherwise instructed.
- 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 examination 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 13 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 Define the term natality. (1 mark)

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2 State **three** roles of the Royal Society for the Protection of Birds (RSPB). (3 marks)

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3 a) Define the term divergent evolution within animal populations. (1 mark)

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b) Using **two** examples, explain how divergent evolution has affected an ecosystem over time. (4 marks)

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4 Explain **two** reasons for global wildlife population fluctuations in mammals. (4 marks)

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5 Provide **one** example of how the following reproductive strategies aid survival. (1 mark)

a) Parental care.

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b) Viviparous birth. (1 mark)

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6 Explain how **two** suitable treatments for **each** of the following conditions can support recovery.

a) Psittacosis.

(4 marks)

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b) Malocclusion.

(4 marks)

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7 An animal enthusiast wishes to start a private collection of exotic animal species. What do they need to consider in relation to the Dangerous Wild Animals Act 1976?

(4 marks)

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8 State **two** different methods used to identify individual exotic animals, giving a species specific example for **each**. (4 marks)

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9 Explain the importance of staff training in relation to potential emergencies in a zoo. (5 marks)

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10 Describe **four** challenges of feeding exotic omnivores in captivity. (4 marks)

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11 a) Give **three** reasons why a wet moat may be an unsuitable barrier type. (3 marks)

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b) Give **three** reasons why solid glass may be a suitable barrier type. (3 marks)

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