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0172-541 MARCH 2022

Level 3 Technicals in Animal Management (Wildlife)

Level 3 Animal Management – Theory exam (2)

If provided, stick your candidate barcode label here.

Friday 11 March 2022
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 15 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 **one** piece of legislation relevant to UK wildlife conservation. (1 mark)

2 State **three** factors that can impact population dynamics. (3 marks)

3 Explain **two** types of evolution. (6 marks)

4 Describe the strategies of **one** named international organisation for conservation of wildlife and their habitats. (3 marks)

5 State the full common name for **each** of the following species. (1 mark)

a) *Vulpes vulpes*.

b) *Cygnus olor*. (1 mark)

6 State **two** physical signs to check during an initial wildlife casualty assessment. (2 marks)

7 Explain how seasonality affects the undertaking of a wildlife survey.

(8 marks)

8 Explain **two** reasons why barrier nursing may be used when treating a wildlife casualty.

(4 marks)

9 State **three** potential sources of error when undertaking a fauna survey. (3 marks)

10 Explain how **each** of the following abiotic factors affects wildlife metapopulations.
a) Growth. (2 marks)

b) Dispersion. (2 marks)

11 Explain how wildlife populations in a nature reserve could be affected by human visitors. (6 marks)

12 Name the legislation that protects employees from discrimination in the workplace. (1 mark)

13 State **two** pieces of information that **must** be included on an invoice. (2 marks)

14 Explain **one** way the economy can influence the land-based industry market. (3 marks)
