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**0172-535 JUNE 2018**

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

Level 3 Animal Management – Theory exam (2)

If provided, stick your candidate barcode label here.

**Wednesday 20 June 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 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 Describe **three** disadvantages of purchasing wild caught exotic species compared to captive bred exotic species. (6 marks)

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2 a) Define the term viviparous. (1 mark)

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b) Give an example of an animal which is viviparous. (1 mark)

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3 Explain why newly acquired exotic animals are put into isolation in a pet shop environment. (6 marks)

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4 Describe **two** advantages and **two** disadvantages of mixed species exhibits in a zoo setting. (4 marks)

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5 Describe **two** different enrichment techniques for a named animal with an example for each. (4 marks)

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6 State **two** animal identification techniques used within a zoo environment. (2 marks)

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7 State **two** roles of modern zoos. (2 marks)

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8 Explain how a zoo could enhance visitor experience.

(5 marks)

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9 Explain how routine screening can be used to prevent transmission of a disease.

(4 marks)

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10 a) State how biotic and abiotic factors differ. (1 mark)

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b) Provide an example of a biotic factor. (1 mark)

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c) Provide an example of an abiotic factor. (1 mark)

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11 Define the following terms in relation to population dynamics.  
a) Immigration. (1 mark)

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b) Fecundity. (1 mark)

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12 Explain **four** reasons for wildlife population fluctuations. (8 marks)

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