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0172-545 MARCH 2022

Level 3 Technicals in Animal Management (Science)

Level 3 Animal Management – Theory exam (2)

If provided, stick your candidate barcode label here.

Tuesday 8 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 **two** symptoms of pyometra. (2 marks)

2 State **one** symptom and **one** supportive treatment of canine distemper. (2 marks)

3 A veterinary practice needs to contact a visually impaired client to update them on their pet's post-operative recovery. Explain why the telephone is a suitable method for communicating information with the visually impaired client. (4 marks)

6 Identify the following laboratory safety symbols.

a)

(1 mark)



Figure 1

b)

(1 mark)



Figure 2

7 Explain the importance of only changing **one** variable when designing an experiment.

(2 marks)

11 State **one** function for **each** of the following structures of a neuron.

a) Dendrites.

(1 mark)

b) Myelin sheath.

(1 mark)

c) Schwann cells.

(1 mark)

12 Describe how **two** components of a nucleus support its function within a cell.

(4 marks)

13 Explain the use of Chi-squared tests to analyse animal breeding data.

(4 marks)

14 Explain **two** links between the structure and function of spermatozoa.

(4 marks)
