



7457-402 MARCH 2022 Level 3 Diploma in Small Animal Veterinary Nursing

Level 3 Anatomy and Physiology Knowledge Test - Paper 3

If provided, stick your candidate barcode label here.		A CONTRACT OF	Wednesday 2 March 2022 09:30 – 11:30	
Candio	date name (first, last)			_
First				
Last				
Candio	date enrolment number	Date of birth (DDMMYYYY)) Gerder (M/F)	
Asses	sment date (DDMMYYYY)	Centre number	Andidate signature and declaration*	
			number of pages in this box.]

the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.

- Please ensure that you staple additional answersheets 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 ball-point pen with blue or black ink

General instructions

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- The second and the
- 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.

2 March 2022
(1 mark)
(1 mark)
(1 mark)
(2 marks)
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(1 mark)

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4	Explain the difference between 'endochondral ossification' and 'intramembraneous ossification'.	(4 marks
5	Describe two actions taken by the integument system to conserve heat.	(4 mark
6	Name three components of the upper respiratory tract.	(3 mark

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Explain the enzymatic and microbial breakdown of food as it passes through the digestive tract in a rabbit.	(6 mark
State the location of the pancreas in a dog.	(1 mar
Explain how the negative feedback mechanism of insulin and glucagon regulate sugar	(1 mart
levels in the blood.	(4 mark

7457-4	402	2 March 20
10	Name the three different groups of blood cells.	(3 mar
- 11 -	Name two peripheral nerves which supply the hindlimb.	(2 mar
12	State the three sensory cranial nerves.	(3 mar
	Define the following terms. a) Osmosis.	(2 mar
ł	b) Diffusion.	(2 mar
14	Name two hormones produced in the testes in the entire male dog.	(2 mar

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15	State four differences in the form and function of the urinary tract in a bird compared to a cat.	(4 marks)

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