



## 7457-407 SEPTEMBER 2021 Level 3 Diploma in Equine Veterinary Nursing

Level 3 Anatomy and Physiology Knowledge Test – Paper 3

If provided, stick your can barcode label here.	Wedne 09:30 -	esday 29 September 2021 - 11:30
Candidate name (first, last)		:00
First		ateri
Last		
Candidate enrolment number	Date of birth (DDMMYYY)	Y) Genger (M/F)
Assessment date (DDMMYYYY)	Centre number	andidate signature and declaration*
		%

- If additional answer sheets are used, enter the additional number of pages in this box.
- Before taking the examination, **all candidates** most 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 warce 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

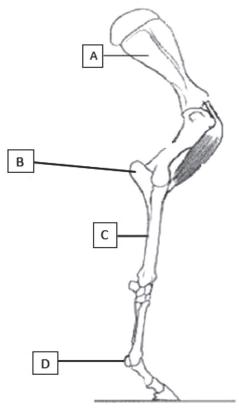
• a ball-point pen web blue or black ink

## 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.

State the  ${\bf three}$  bones that make up the acetabulum in the horse. 1

2 Name the following bones labelled in **Figure 1**. (4 marks)



https://researchgate.net

Figure 1

- Α
- В
- С
- D

3	Def a)	ine the following terms: Ipsilateral.	(1 mark)
	b)	Contralateral.	(1 mark)
	C)	Dorsal.	(1 mark)
4		ine the following prefixes <b>and</b> for <b>each</b> give <b>one</b> example of a medical term where used. Pseudo.	(2 marks)
	b)	Infra.	(2 marks)
	c)	Supra.	(2 marks)
5	a)	Describe the term 'flexion' as a mode of joint movement.	(1 mark)
	b)	Give <b>one</b> example of a joint that uses this mode of joint movement.	(1 mark)

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a)	State the meaning of the suffix 'penia'.	(1 mark)
b)	Give <b>one</b> example of a medical term where it is used.	(1 mark)
De	scribe <b>four</b> key differences between 'mitosis' and 'meiosis'.	(8 marks)

8	Ехр	lain the purpose of a negative feedback loop <b>and</b> give <b>one</b> example of this.	(3 marks)
			-
			_
			-
9	Exp	lain the difference between an 'exocrine gland' and an 'endocrine gland'.	(2 marks)
			-
10	Des	cribe the function of the following layers of skin: Epidermis.	- (1 mark)
	·		_
	b)	Dermis.	(1 mark)
			-
	c)	Hypodermis.	(1 mark)

Stat a)	te the origin, insertion <b>and</b> action of the following muscles:  Latissimus dorsi.	(3 m
b)	Gastrocnemius.	(3 m
	lain the characteristics of the following cranial nerves <b>and</b> state their function.	(2 ,00
a)		(3 m
b)	IX.	(3 m
