



7457-406 JUNE 2021

## Level 3 Diploma in Equine Veterinary Nursing

Level 3 Synoptic Knowledge Test – Paper 2

If provided, stick your candidate barcode label here.

**Tuesday 29 June 2021**  
**09:30 – 11:30**

Candidate name (first, last)

First

[illegible]

Last

[illegible]

Candidate enrolment number

--	--	--	--	--	--	--

Date of birth (DDMMYYYY)

--	--	--	--	--	--	--	--

Gender (M/F)

Se

Assessment date (DDMMYYYY)

--	--	--	--	--	--	--	--

Centre number

--	--	--	--	--	--	--

Candidate signature and declaration\*

\_\_\_\_\_

- If additional answer sheets are used, enter the additional number of pages in this box. ➡ 

0	0
---	---
- 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 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.
- This examination contains 17 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 **three** actions that should be taken to ensure euthanasia is carried out with consideration for the owner's feelings.

(3 marks)

---

---

---

---

---

---

- 2 Explain **three** nursing interventions that should be put in place for a hospitalised laminitic patient.

(6 marks)

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

- 3 Explain **two** requirements of an effective discharge for a patient that needs a bandage change at home.

(4 marks)

---

---

---

---

---

---

---

---

4 a) Name the surgical instrument in **Figure 1**.

(1 mark)



[https://img.medicalexpo.com/images\\_me/photo-mg/109952-11040102.jpg](https://img.medicalexpo.com/images_me/photo-mg/109952-11040102.jpg)

**Figure 1**

b) Describe its use.

(1 mark)

---

---

---

5 Define the following radiographic terms:

a) Density. (1 mark)

---

---

b) Contrast. (1 mark)

---

---

c) Definition. (1 mark)

---

---

d) Film focal distance. (1 mark)

---

---

6 Describe the patient preparation required for a Magnetic Resonance Imaging (MRI) procedure in an equine practice. (4 marks)

---

---

---

---

---

---

---

---

---

---

- 7 Describe how a muscle biopsy sample should be preserved for safe transport to a laboratory. (3 marks)

---

---

---

---

---

---

- 8 A horse requires a stitch up of a small skin wound on the left pectoral area.  
a) State what suture pattern should be used. (1 mark)

---

- b) Give **two** reasons for using this. (2 marks)

---

---

---

---

- 9 Define the following terms:  
a) Criminal law. (1 mark)

---

---

- b) Civil law. (1 mark)

---

---

- 10 Name the secondary legislation that outlines the legal practice of a veterinary nurse. (1 mark)

---

---



- 11 Explain the role of the Royal College of Veterinary Surgeons (RCVS) as a regulator in public protection.

(2 marks)

---

---

---

---

- 12 Give **two** reasons why **each** of the following are important components of pre-anaesthetic preparation:

a) Fasting.

(2 marks)

---

---

---

---

b) Shoe removal.

(2 marks)

---

---

---

---

c) Premedication.

(2 marks)

---

---

---

---

- 13 State **two** requirements for a successful handover of a patient following a general anaesthetic.

(2 marks)

---

---

---

---



14 a) Define the term 'triage'.

(1 mark)

---

---

b) Identify **two** disorders that would be classified as urgent cases.

(2 marks)

---

---

15 a) Explain the purpose of an electrocardiogram and the parameters it measures.

(2 marks)

---

---

---

---

b) Give **one** example of when it may be used to monitor a critical patient.

(1 mark)

---

---

16 Describe **three** actions to take when providing first aid treatment to a patient with a haemorrhaging leg wound.

(3 marks)

---

---

---

---

---

---

---

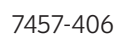
---



- 17 An adult horse requires cardiopulmonary resuscitation in the operating theatre, at the practice.

Discuss the process of cardiopulmonary resuscitation in a horse, including protocols and management of personnel.

(9 marks)



29 June 2021



[illegible]