

# **Level 3 Diploma in Equine Veterinary Nursing**

## **(7457-43)**

Version 1.0 Nov 2020

**Sample Questions for Knowledge Test**  
**Paper 2 – 7457-406/606**

## Question types

The following explains, and gives examples of, types of questions used in City & Guilds exams. In preparing candidates to take the exam, it is recommended that you familiarise them with the requirements of each question type so that they can be effective and make best use of the time available when sitting the exam.

- An effective candidate will gauge the type and length of response required from the question and the number of marks available (which is given for each question on the exam paper).
- Short answer questions may not require candidates to write in complete sentences. Extended response questions will require a more developed response.
- Candidates should read the exam paper before attempting to answer the questions and should allocate time proportionate to the number of marks available for each question or section.

## Short answer questions (restricted response)

These are questions which require candidates to give a brief and concise written response. The number of marks available will correspond to the number of pieces of information/examples and the length of response required by the question.

## Sample questions and Mark schemes for short answer questions (restricted response)

Example question:	Mark scheme:
List <b>three</b> different clinical signs of Strangles. (3 marks)	1 mark for any of the following, to a total of 3 marks <ul style="list-style-type: none"><li>• Depression (1)</li><li>• Lethargy (1)</li><li>• Fatigue (1)</li><li>• Anorexia (1)</li><li>• Dysphagia (1)</li><li>• Pyrexia (1)</li><li>• Nasal discharge / purulent / mucopurulent/bilateral (1)</li><li>• Swelling / abscessation of submandibular lymph nodes (1)</li></ul> Any other acceptable answer
Name the <b>two</b> main categories of cases in the justice system of the United Kingdom. (2 marks)	1 mark for each of the following, to a total of 2 marks <ul style="list-style-type: none"><li>• Criminal (1)</li><li>• Civil (1)</li></ul>
State the <b>three</b> types of x-ray machine that are used in veterinary practice. (3 marks)	1 mark for each of the following, to a total of 3 marks <ul style="list-style-type: none"><li>• Portable (1)</li><li>• Mobile (1)</li><li>• Fixed tube head (1)</li></ul>
List <b>two</b> pathophysiological states that a patient with corneal ulceration may experience. (2 marks)	1 mark for any of the following, to a total of 2 marks <ul style="list-style-type: none"><li>• Behaviour changes (1)</li><li>• Reduced mobility (1)</li><li>• Impaired nutrition (1)</li></ul> Any other acceptable answer

## Structured Response Questions

These are questions that have more than one part (eg a), b), etc.). The overall question is made up of linked, short answer questions which move the candidate through the topic in a structured way. For example, the question will usually start with a 'recall'/'state'/'describe' question followed by an 'explain' to draw out understanding of the topic. They may have a shared introductory 'stem', and the number of marks may increase through the question.

## Sample questions and Mark schemes for structured response questions

### Example question:

A horse presents with a five-day old wound that may have a bacterial infection.

(a) What action should be taken to prevent the unnecessary use of antibiotics for this horse? (1 mark)

(b) State **three** symptoms that would indicate a bacterial infection is present (3 marks)

### Mark scheme:

(a) Before any antibiotics are given a bacterial swab should be taken of the area (1)

(b) 1 mark for any of the following symptoms, to a total of 3 marks.

- Localised infection (1)
  - New /increasing pain (1)
  - Erythema (1)
  - Local warmth (1)
  - Purulent discharge (1)
  - Pyrexia (1)
  - Delayed /stalled healing (1)
  - Abscess formation (1)
  - Malodour (1)
  - Spreading infection (1)
  - Lymphangitis (1)
  - Wound breakdown / dehiscence (1)
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**Example question:**

(a) State what a monofilament absorbable suture material is used for? (1 mark)

(b) Give **one** advantage and **one** disadvantage of this type of suture material. (2 marks)

**Mark scheme:**

(a) Internal suturing (1)

(b) One mark for any of the following advantages

**Advantages:**

- smooth surface (1)
- Less tissue trauma (1)
- No bacterial harbours (1)
- No capillarity (1)
- Fluids are unable to travel along the length of the monofilament (1)

One mark for any of the following disadvantages

**Disadvantages:**

- Strong material memory (1)
  - Handling and knotting more difficult (1)
  - More difficult to bury knots (1)
  - Monofilament stiffer to stretch (1)
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## Extended response questions

Extended response questions are those that require the candidate to write a longer written response using sentences and paragraphs. These usually require candidates to discuss, explain, etc. a topic in some detail. The question is often based on a short case study, scenario or other prompt. The level of detail should be gauged from the question and the number of marks available.

### Sample question and Mark scheme for extended response questions

Example Question:	Indicative Content	Bands
<p>There are two patients due into the hospital, one has a suspected fracture and the other is showing severe signs of colic.</p> <p>Discuss how the decision will be made regarding which patient is treated first using triage and the preparations that need to be made for the patients prior to their arrival, including the possible initial treatments required for both patients. (9 marks)</p>	<ul style="list-style-type: none"><li>• Triage</li><li>• <b>Nursing requirements</b></li><li>• Accommodation</li><li>• Feeding and fluids</li><li>• Pain management</li> <li>• Indications of catheterisation</li> <li>• The requirement for possible fluid therapy</li></ul>	<p><b>Band 1 (1-3 marks)</b> Candidate provided a basic understanding of the concept of triage prioritising treatment of the colic first. Preparation of separate areas mentioned: fracture in radiology colic in stocks and theatre also to be prepared. Some understanding of specific nursing requirements for the separate conditions.</p> <p><b>Band 2 (4-6 marks)</b> Candidate provided a more detailed knowledge on triage and the purpose of it. An understanding of what indicates the need for a catheter and the preparation required for this. Candidate understands that both horses may need a catheter and separate surgical procedures and drugs. Identification that the colic patient will require fluid therapy. A more detailed knowledge of the nursing requirements.</p> <p><b>Band 3 (7-9 marks)</b> Candidate produced a comprehensive explanation of how triage works and correct identification and prioritisation of different types of emergency. Clear understanding of why catheter placement is important and what equipment is needed for both horses, including the type of catheter required and reason. A detailed understanding of the nursing requirements of both horses to include reduction of stress, mobility and hygiene. In depth knowledge of the need for suitable fluids.</p>

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