



**7457-400 SEPTEMBER 2020**  
**Level 3 Diploma in Small Animal Veterinary Nursing**  
 Level 3 Synoptic Knowledge Test – Paper 1

If provided, stick your candidate barcode label here.

**Monday 28 September 2020**  
**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\*

*This paper is intended for use as sample assessment material only.*

- 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 ball-point pen with blue or black ink
- a calculator

**General instructions**

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 22 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 Define the following terms as set out by The Veterinary Surgeons Act 1966 Schedule 3 Amendment Order:

a) Under direction. (1 mark)

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b) Under supervision. (1 mark)

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2 State under what circumstances direct, continuous and personal supervision would be required. (1 mark)

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3 A patient is being treated for a suspected MRSA infection.

What **two** colours are the containers that should be used to dispose of hazard waste from the patient? (2 marks)

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4 a) State **two** examples of commonly encountered modes of communication within a veterinary practice. (2 marks)

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b) State **one** advantage and **one** disadvantage for **one** of your chosen modes. (2 marks)

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5 Explain the purpose of the adjuvant in a killed vaccine. (2 marks)

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6 Calculate the Resting Energy Requirement (RER) for a 20 kg dog. (3 marks)

**You must show your calculations and include units in your answer.**

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7 Name the dietary amino acid that is essential in the diet of cats but **not** dogs. (1 mark)

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8 State **one** canine genetic condition **and** the breed with which it is associated. (2 marks)

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9 a) Define the term **sterilisation**. (1 mark)

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b) Provide **two** examples of methods used to achieve sterilisation of surgical instruments in veterinary practice. (2 marks)

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10 a) Name a suitable packaging material for a surgical instrument. (1 mark)

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b) State **one** advantage and **one** disadvantage of your chosen packaging material. (2 marks)

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11 Define the term **incubation period**. (1 mark)

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12 Name a disease caused by bacteria **and** the structure of the bacterium responsible. (2 marks)

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13 a) Explain why it is important to implement a barrier nursing protocol for a lone parrot with Psittacosis. (1 mark)

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b) List **two** items of personal protective equipment (PPE) essential for nursing a patient with Psittacosis. (2 marks)

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14 Describe the route a drug takes from ingestion to site of action, following administration by the oral route.

(5 marks)

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15 State the difference between the **generic name** and the **trade name** of a drug.

(2 marks)

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16 State **three** adverse events that **must** be reported to the Veterinary Medicines Directorate (VMD).

(3 marks)

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17 Define the terms **subjective information** and **objective information** gathered as part of the SOAP/IER method of patient assessment.

(2 marks)

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18 Define the terms **medical model** and **nursing-focused model** in relation to models of patient care. (2 marks)

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19 Define the term **pulse deficit**. (1 mark)

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20 Explain the difference between the terms **infection** and **colonisation** in relation to a wound. (2 marks)

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21 State **two** types of wound debridement. (2 marks)

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22 A geriatric cat is hospitalised for investigations due to anorexia and inappetence. The cat is an indoor cat from a multi cat household.

Produce a nursing care plan for the assessment and care of the cat during its stay.

(12 marks)

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