Summer Examinations 2015

ANW202615N

Module Title: Veterinary Laboratory & Diagnostic Skills
Level: Five
Time Allowed: Two hours

Instructions to students:
- Enter your student number not your name on all answer books.
- Answer all questions.
- This paper has a total of 100 marks available; Question One is worth 40 marks, Question Two is worth 10 marks and Question Three is worth 50 marks.
- Write answers clearly in the answer booklets.
- Label your answers clearly.
- Neither books nor notes may be taken into the examination.
- This examination paper is worth 50% of the mark for ANW2026.
- This is an unseen paper.

No. of Pages 2
No. of Questions 3
Answer all questions.

**Question 1**

Discuss the use of urinalysis in the cat, describing and evaluating the following points:

a. Sample collection.

b. Sample storage and processing.

c. Information provided by the results, discussing at least four specific parameters, and for each, the possible significance of abnormal results, including any artefacts that may affect the results.

(40 marks)

**Question 2**

For four non-infectious conditions in named domestic livestock species (you can use several different species), describe a suitable diagnostic laboratory test. **Do not discuss imaging** in your answer; you must select laboratory based investigative methods.

(10 marks)

**Question 3**

Suggest possible causes of weakness in one named species, and evaluate a variety of diagnostic techniques in terms of their usefulness in investigating the problem.

(50 marks)

Overall Total: 100 marks

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End of Paper