Examination Period 3: 2016/17

ANW202617N

Module Title: Veterinary Laboratory and 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: 40 marks for question one, 10 marks for question two and 50 marks for question three, so you should allocate your time accordingly.
• Neither books nor notes may be taken into the examination room.

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

1. A cat is found to have white mucous membranes. The vet decides to perform a biochemistry and haematology test. Describe how this would be performed, including:

   - sample collection
   - sample storage and processing
   - information provided by the results, including at least **four** specific parameters and the potential significance of abnormal results
   - potential artefacts which could affect the results

   (40 marks)

2. For four non-infectious conditions, explain which laboratory test would be most appropriate for diagnosis. **Do not discuss imaging** in your answer; you must select laboratory based investigative methods.

   (10 marks)

3.  
   a. Suggest possible causes of reduced food intake in **one named species**.
   b. Suggest a logical diagnostic plan.
   c. Evaluate a variety of diagnostic techniques in terms of their usefulness in investigating the problem.

   (50 marks)

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End of Paper