Examination Period 3: 2017/18

ANW203718N

Module Title: Animal Anatomy and Physiology 2
Level: Five
Time Allowed: Two hours

Instructions to students:
- Enter your student number **not** your name on all answer books.
- Answer **all** questions.
- Begin each question in a separate answer book; label each answer book clearly with the number of the question you are answering.
- Neither books nor notes may be taken into the examination.

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Answer all questions

**Question 1**

Label the diagram below (in the answer book provided), identify which species it belongs to and describe how its structure relates to the function.

(20 marks)
Question 2

Explain how either the pig or the cat female reproductive system is regulated; make sure you explain oogenesis and oestrous cycle regulation.

(30 marks)

Question 3

Describe the anatomical structures of the sheep’s eye and their function in allowing sight.

(15 marks)

Question 4

Define communication and provide a species specific example of how each of the five senses is used in mammalian communication.

(10 marks)

Question 5

Describe the anatomical structures of the rabbit’s ear and their function in allowing a highly efficient sense of hearing. Describe the use of this sense in rabbit communication; make sure you investigate the connection between sending and receiving auditory information.

(25 marks)

Total: 100 marks

End of Paper