Summer Examinations 2016

ANW304116N

Module Title        Animal Reproductive Science
Level              Six
Time Allowed       Two hours

Instructions to students:

• Enter your student number **not** your name on all answer books.
• Answer **all** questions.
• The questions are not equally weighted, the allocation of marks is stated overleaf.
• Begin each question on a separate page, label each page clearly with the number of the question you are answering.
• Neither books nor notes may be taken into the examination.

<table>
<thead>
<tr>
<th>No. of Pages</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Questions</td>
<td>3</td>
</tr>
</tbody>
</table>
Answer all questions

Question 1
Describe the stages of embryonic and foetal development in either a dog or a cow. You should include a description of the placentation and a description of how an estimation of foetal age is determined. Explain how genetic, environmental and maternal husbandry factors can affect embryo development.

(35 marks)

Question 2
Critically evaluate the processes and factors involved in the management of pregnancy, parturition and neonatal care in either cattle or sheep breeding. You should include estimates of timings for each stage of parturition, and describe the presentation of different causes of dystocia.

(35 marks)

Question 3
Assess the impact of diseases (both infectious and non-infectious) at various stages in the reproductive cycle of either cattle or dogs. Please provide examples.

(30 marks)

End of Paper