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.
- Read the questions carefully and answer **all** questions.
- There are a total of **100 marks** available:
  - Question 1 is worth 40 marks.
  - Question 2 is worth 30 marks.
  - Question 3 is worth 30 marks.
- Write your answers neatly in the answer booklets provided.
- Neither books nor notes may be taken into the examination room.

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Answer all questions.

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

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

3. Critically review the impact of diseases (both infectious and non-infectious) at various stages in the reproductive cycle of one species of your choice. Please provide examples.

End of Paper