

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Semester 1 Examinations 2011/12

Module Title: Animal Physiology and Nutrition

Module Code: AGRI 6011

School: Science & Informatics

Programme Title: BSc (Hons) in Nutrition and Health Science – Year 2

Programme Code: SNHSC_8_Y2

External Examiner(s): Dr Anne Nelson

Internal Examiner(s): Mr E. Fitzgerald

Instructions: **Answer any four Questions.**
 All questions carry equal marks. (25 marks per question)

Duration: 2 hours

Sitting: Winter 2011

Requirements for this examination:

Note to Candidates: Please check the Programme Title and the Module Title to ensure that you have received the correct examination paper.
If in doubt please contact an Invigilator.

- Q1. Describe the differences in form and function of the monogastric and ruminant digestive systems. Use diagrams as appropriate.
- Q2. Discuss provision of year round feed for an Irish dairy herd and replacement animals.
- Q3. Describe, month by month, the major management tasks to be carried out on an Irish spring calving dairy herd.
- Q4. Describe the major metabolic diseases of farm animals, their treatment and how they might be avoided.
- Q5. Describe how an Irish dairy farmer might plan and implement a breeding programme for his herd.
- Q6. Describe the management of energy balance in a high yielding dairy cow over a twelve month period.