

CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ

Autumn Examinations 2011/2012

Module Title: Animal Physiology and Nutrition

Module Code: AGRI 6011

School: Science

Programme Title: Bachelor of Science (Honours) Nutrition and Health Science – Year 2

Programme Code: SNHSC_8_Y2

External Examiner(s): Dr Alison Gallagher
Internal Examiner(s): Mr. E. Fitzgerald

Instructions: Answer any four Questions.

Duration: 2 Hours

Sitting: Autumn 2012

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 similarities and differences between the monogastric and ruminant digestive systems. Use diagrams as appropriate.
- Q2. Discuss provision of year round feed for an Irish dairy farm or for a yard producing sport horses and racehorses. .
- Q3. Describe, month by month, the major management tasks to be carried out on an Irish spring calving dairy herd or on a yard producing sport horses and racehorses.
- Q4. Describe the major metabolic diseases of farm animals or performance racing animals, their treatment and how they might be avoided.
- Q5. Describe how an Irish 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.