

REF. NO.	B-PAP.2
TITLE:	PRODUCTION ANIMAL PRACTICE
CATEGORY AND VALUE:	B - 10 CREDITS
NOTIONAL STUDY HOURS:	100

The Production Animal Practice module covers the principles of practice with any or all production animals – cattle (both dairy and beef), sheep, pigs and poultry. It may be taken in the context of just one species, as the general principles of production animal practice are deemed to be relevant to all. It is relevant to a number of species and discipline based designated modular certificates, including veterinary public health, animal welfare and reproduction. It can also be taken as a stand alone module, in conjunction with the B-CKS.0 module.

This module is **required** for all candidates who are aiming to achieve a production animal ‘named’ certificate. It may also be taken in conjunction with other B modules for those who work in mixed practice.

This module can be covered in the context of one or more production animal species.

LEARNING OBJECTIVES

Please refer to the general Guidance and Assessment for all Modules documents.

Candidates should have a sound grounding in the areas of practice listed below. They also need develop the skills needed to create case studies that demonstrate the following competencies:

- The written communication skills required to present case studies
- An ability to demonstrate their competence in the area under discussion
- Reflective skills that enable them to understand the issues raised by the case and what they learnt from it.

CONTENT

1 MANAGEMENT, BEHAVIOUR AND NUTRITION

Economic importance to UK economy
Government influences
EU influence
Global position
The UK marketplace
Housing

- Welfare
- Transport
- Legislation & Codes of Practice
- Behaviour
- Principles of nutrition
 - Requirements
 - Constituents of rations
 - Influence on Health & Disease

- 2 PREVENTIVE MEDICINE AND BIO-SECURITY AND ZONOOSES**
 - Health Planning
 - Epidemiology
 - Economics
 - Importance
 - Notifiable diseases

- 3 FERTILITY AND REPRODUCTION**
 - Reproductive manipulation
 - Fertility and fecundity
 - Pregnancy diagnostic methods and accuracy

- 4 DIAGNOSIS AND DISEASE**
 - Principles
 - Aids to diagnosis
 - Selection, collection & handling of laboratory samples
 - Interpreting & evaluation of Laboratory Results
 - Population disease dynamics
 - Individual disease
 - Notifiable disease
 - Economics of disease
 - Disease surveillance

- 5 THERAPEUTICS AND SURGERY**
 - A basic understanding of the clinical pharmacology of the drugs used in the diagnosis and treatment of production animals
 - Principles of Surgery
 - Responsible use of VMPs
 - Anaesthesia
 - Surgical anatomy
 - Pharmacy regulations