



**0171-510 MARCH 2019**

**Level 3 Advanced Technical Extended Diploma in Agriculture  
(Livestock)**

Level 3 Agriculture – Theory exam (2)

If provided, stick your candidate  
barcode label here.

**Friday 15 March 2019  
13:30 – 15:30**

Candidate name (first, last)

First

Last

Candidate enrolment number


Date of birth (DDMMYYYY)

Gender (M/F)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration\*

- If additional answer sheets are used, enter the additional number of pages in this box. 
- Before taking the examination, **all candidates** must check that their barcode label is in the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.
- Please ensure that you staple additional answer sheets to the **back** of this answer booklet, clearly labelling these with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.
- All candidates need to use a **black/blue** pen. **Do not** use a pencil or gel pen, unless otherwise instructed.
- If provided with source documents, these documents **will not** be returned to City & Guilds, and will be shredded. Do not write on the source documents.

**\*I declare that I had no prior knowledge of the questions in this examination and that I will not divulge to any person any information about the questions.**

**You should have the following for this examination**

- a pen with blue or black ink

**General instructions**

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 12 questions. Answer **all** questions.
- Answer the questions in the spaces provided. Answers written in margins or on blank pages will **not** be marked.
- Cross through any work you do not want to be marked.





4 List **four** different beef traits represented by Estimated Breeding Values. (4 marks)

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5 Using Figure 1, name the parts of the male reproductive system, labelled A-D. (4 marks)

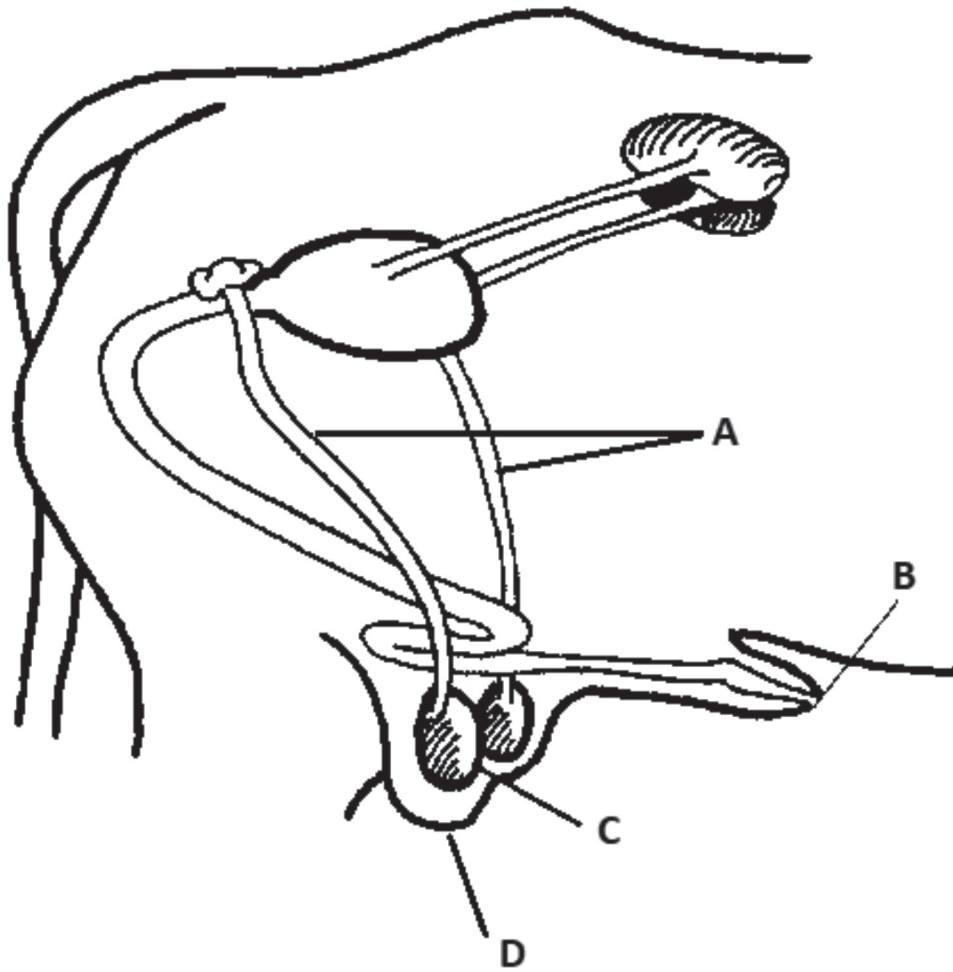


Figure 1

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8 Describe **two** methods that a farm can use to improve accuracy when applying organic waste to land. (2 marks)

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9 a) State **four** factors to consider when planning the disposal of organic farm waste. (4 marks)

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b) Explain **two** reasons why it is important to analyse organic farm waste before application. (4 marks)

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10 State **six** ways to help prevent a rough terrain telescopic forklift (RTFL) from overturning, when loading a trailer with farm yard manure.

(6 marks)

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11 A farm worker is driving a sit-astride all-terrain vehicle (ATV) with no differential.

Explain why they should lean when cornering at low speeds.

(4 marks)

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