



0170-501 JUNE 2019

Level 2 Technical Award in Land Based Studies

Level 2 Land Based Studies – Theory exam (1)

If provided, stick your candidate barcode label here.

Tuesday 18 June 2019
09:30 – 11:30

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

General instructions

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 11 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.



1 a) Name **two** government organisations that may influence land use. (2 marks)

b) For **each** organisation named in 1a), describe **one** of their effects on farming. (2 marks)

2 Describe **six** ways topography can influence the type of farming. (6 marks)

3 a) Describe **two** potential benefits of genetically modified (GM) crops. (2 marks)

b) Describe **two** potential problems of GM crops. (2 marks)

4 a) Name **four** parts of a plant cell. (4 marks)

b) Describe the function of **each** part named in 4 a). (4 marks)

10 Explain why **each** of the following items of equipment are used in land management and production.

a) A tractor. (2 marks)

b) A cultivator. (2 marks)

c) A combine harvester. (2 marks)
