



0174-508 MARCH 2022

Level 3 Advanced Technical Extended Diploma in Horticulture (1080)

Level 3 Horticulture – Theory exam (2)

If provided, stick your candidate barcode label here.

**Thursday 3 March 2022
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 ink

General instructions

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 13 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 State the botanical name of **two** species of trees or shrubs that are typically coppiced. (2 marks)

2 Identify **three** areas on plants where adventitious shoots may be produced. (3 marks)

3 a) Give **two** restrictions the Wildlife and Countryside Act 1981 has placed upon pruning hedges. (2 marks)

b) Summarise **two** situations that allow pruning to take place even though restrictions are present. (2 marks)

4 a) Summarise **two** ways a right of easement might enable pruning operations to be carried out on a large tree. (2 marks)

b) Describe **one** detrimental effect that trees may have on cultivated areas. (2 marks)

5 Summarise **four** social benefits that 'green spaces' in the urban environment can provide to a community. (4 marks)

6 Using the **full title**, name **two** representative organisations or professional bodies associated with the horticultural sector. (2 marks)

7 Compare **five** differences between subcontractors **and** employees within the horticulture industry. (5 marks)

8 Explain **three** reasons why quality management systems are important to a horticultural business.

(6 marks)

9 List **four** items that can depreciate in a horticultural business.

(4 marks)

10 Explain **one** reason why **each** of the following records **must** be kept for a horticultural business.

a) Basic account records. (2 marks)

b) Invoices and sales records. (2 marks)

c) Purchase order records. (2 marks)

11 State **three** contingency factors that should be considered when quoting for a hard-landscaping project. (3 marks)

12 Summarise **five** potential sources of waste when constructing horizontal landscape surfaces.

(5 marks)
