



0174-508 MARCH 2019

**Level 3 Advanced Technical Extended Diploma
in Horticulture (1080)**

Level 3 Horticulture – Professional Horticulture Theory Exam (2)

If provided, stick your candidate
barcode label here.

**Wednesday 13 March 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 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 a) Under the Highways Act 1980, for what reasons is an occupier of the land required to lop or cut hedges, trees or shrubs? (2 marks)

- b) How long after the service of notice does the occupier have to complete this? (1 mark)

- 2 For what reasons could tree roots have detrimental effects on
a) footpaths? (1 mark)

- b) surface and drainage systems? (1 mark)

3 a) Describe **three** ways in which excessive pruning can impact upon physiological processes in a plant. (3 marks)

b) Summarise **five** reasons for dead-wooding trees or shrubs. (5 marks)

4 State **two** roles of the director of a limited company. (2 marks)

5 A Private Limited company's annual accounts are prepared from the financial records at the end of the financial year.

a) Which two accounts must be provided? (2 marks)

b) Specify what information each should contain. (2 marks)

6 a) Describe **four** socioeconomic benefits of the professional horticulture industry. (4 marks)

b) Give **three** reasons for regional variations in the number of horticulture businesses in the UK. (3 marks)

7 Describe **two** characteristics of a sub-contractor in a professional horticulture business. (2 marks)

8 Summarise **four** potential consequences of having a negative cash flow. (4 marks)

9 For a named sector in the horticultural industry, give **three** examples of how quality systems are of benefit. (4 marks)

10 Describe **two** ways in which horticultural suppliers might ensure continuation of supply to their customers. (4 marks)

11 a) For a paved patio, how does the type of surface affect run-off? (1 mark)

b) State **two** other considerations when calculating run off from hard surfaces. (2 marks)

12 a) Give **one** possible problem that can occur on a landscaping site. (1 mark)

b) Explain **two** issues this problem can cause and **two** measures that can be used to reduce the named problem. (4 marks)
