



0174-508 MARCH 2018

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 14 March 2018
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 any additional answer sheets are used, enter the additional number of pages in this box.

• Please ensure that you **staple** additional answer sheets to the **back** of this answer booklet, clearly labelling them 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.

• 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 assessment 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 With reference to Compartmentalisation of Decay in Trees (CODIT), state **two** features on a branch that can dictate the positions of pruning cuts. (2 marks)

- 2 Explain the importance of the formative pruning process of a newly planted ornamental tree over a four year period. (4 marks)

- 3 Explain the consequences of **not** pruning spring flowering shrubs directly after flowering. (4 marks)

4 State **three** ways in which trees can create hazards within the human environment. (3 marks)

5 Name **two** different legal structures that could be used when setting up a new horticultural business. (2 marks)

6 Explain **five** ways in which the role of an employee and volunteer differ within a business. (5 marks)

7 Give **two** examples of physical resources required for grounds maintenance and explain the importance of **each** of these resources within a business. (4 marks)

8 Explain the use of **four** sources of information that might be analysed when purchasing a horticultural business franchise.

(4 marks)

9 Describe **four** ways in which a horticultural business can maintain quality standards and their reputation within the industry.

(4 marks)

10 a) Explain the importance of keeping **four** named types of accurate financial records to monitor business performance and progress.

(4 marks)

b) Explain the importance of keeping **four** named types of physical records to monitor business performance and progress.

(4 marks)

11 Describe **three** maintenance tasks required for artificial and natural stone paths and steps.

(3 marks)

12 a) Describe the difference between the sub-grade and the sub-base as used in hard-landscaping.

(2 marks)

b) Explain how the properties of sub-base materials are suitable in the construction of horizontal hard-landscape structures.

(3 marks)
