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0174-502 MARCH 2022

Level 3 Technicals in Horticulture

Level 3 Horticulture – Theory Exam (1)

If provided, stick your candidate barcode label here.

Tuesday 1 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 10 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) State **four** features of a plant that identify it as being a monocotyledon. (4 marks)

b) Describe the **main** difference between the seeds of a gymnosperm **and** an angiosperm. (2 marks)

2 Explain how a characteristic or adaptation of a plant allows it to survive in **each** of the following conditions:

a) Polluted sites. (2 marks)

b) Maritime/coastal conditions. (2 marks)

c) Shade. (2 marks)

3 a) Name **two** methods of protecting a newly planted tree from damage. (2 marks)

b) Give **one** advantage and **one** disadvantage for **each** of the protection methods named in 3a). (4 marks)

4 a) Give **two** advantages of using two-stroke spark ignition machinery. (2 marks)

b) Explain how **two named** features on a spark ignition grass trimmer would contribute to its safe use. (4 marks)
