



Excluding Examiners Comments

RHS use only			
A	B	C	Total

RHS Level 3 Certificate in Plant Growth, Garden Planning and Applied Propagation

UNIT 2

Thursday 27 June 2024

09:30 - 11:30

Candidate Name:

Candidate Number:

Centre Name:

Instructions

This paper contains three sections which may be answered in any order. Candidates should answer:

- **Section A** – all questions (20 marks)
- **Section B** – all questions (50 marks)
- **Section C** – only **TWO** from **FOUR** questions (30 marks).

Place a cross (X) in the box identifying the two Section C questions you have answered.

C 1	C 2	C 3	C 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please note:

- The duration of this paper is **120** minutes.
- Write all answers legibly in the spaces provided and use black or blue ink only.
- Use **METRIC** measurements only.
- Where plant names are required, they should include genus, species and where appropriate, cultivar.
- Where a question requires a specific number of answers, only the first answers given will be marked regardless of the number of answers offered.
- Please note, when the word '**distinct**' is used within a question, it means that the items have different characteristics or features.

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Candidate name

Candidate number

Centre name

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RHS Level 3 Certificate in UNIT 2

Candidate Name:

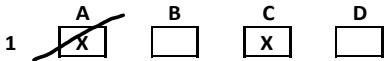
Centre Name:

Candidate Number:

SECTION A
RESPONSE GRID

Instructions

Place a cross (X) in the box you believe is the correct answer. If you make a mistake, score through the box and place a cross in the correct box as follows:



Question	Answer			
	A	B	C	D
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Candidate name

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Section A

**Answer all questions in this section.
This section is worth 20 marks and each question is worth 1 mark.**

Question 1

This question relates to *The Control of Substances Hazardous to Health Regulations 2002* (as amended).

Substances that are hazardous to health in horticulture do not include:

- a) vehicle exhaust fumes
- b) fertilisers and soil improvers
- c) paints, oils and lubricants
- d) electrical systems and wiring.

Question 2

“To be regarded as being sustainable, a horticultural business should have the approval of its employees, stakeholders and the community it operates in.”

Which pillar of sustainability does this quotation apply to?

- a) The economic pillar
- b) The environmental pillar
- c) The social pillar
- d) All three pillars.

Question 3

Best Practice is a concept that is based on:

- a) tradition, context and publication
- b) research, evaluation, and implementation
- c) compliance, review, and reflection
- d) feedback, evaluation, and context.

please turn over.....

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Question 4

This question relates to discrimination in the workplace.

Which of the following statements is not a legal requirement for employers to manage discrimination in the workplace?

- a) To make sure they do not unfairly discriminate in any aspect of work
- b) To provide mental health first aiders, and provide counselling services
- c) To do all they reasonably can to protect people from discrimination
- d) To look after the wellbeing of their employees through 'duty of care'.

Question 5

Which of the following is a limitation of using recycled paving materials?

- a) Higher transportation costs
- b) Impact on warranties
- c) Impact on aesthetics
- d) Higher carbon footprint.

Question 6

When crown raising a tree, the Arboricultural Association advise that large branches growing from the trunk should not be removed.

The correct reason for this is:

- a) large wounds can rot leading to biomechanical instability
- b) the removal of large branches reduces light transmission
- c) there is a negative impact on biodiversity and nesting provision
- d) net positive principles require a tree works section 14 licence.

please see over.....

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Question 7

Which of the following organisations is an approved UK organic control body?

- a) Royal Horticultural Society
- b) Organic Food Federation
- c) Organic Research Centre
- d) Food Standards Agency.

Question 8

'This term relates to growing two or more crops together in the same part of a productive garden to maximise yield'.

What is the quotation above referring to:

- a) Crop rotation
- b) Allelopathy
- c) Intercropping
- d) Crop density.

Question 9

The results of Award of Garden Merit (AGM) trials, focusing on a particular genus with the aim of helping horticulturalists choose the best varieties for garden use, is published in a document called:

- a) RHS Plant Review
- b) Crop walker guides
- c) Standard research report
- d) RHS Grower Guides.

please turn over.....

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Question 10

One of the aims of the National Vegetable Society is to publish information and provide advice to all levels of vegetable growers.

What is the title of their quarterly magazine, which shares best practice and the results of their trials work?

- a) Kitchen Garden
- b) Grow Your Own
- c) Simply Vegetables
- d) The English Garden.

Question 11

The Advisory, Conciliation and Arbitration Service (ACAS) recommend that the induction process for new staff should be completed over:

- a) one day
- b) one week
- c) one month
- d) one year.

Question 12

A maintenance plan to cover paved surfaces within a garden is being developed.

Which of the following statements is appropriate for inclusion in the plan?

- a) Paths must be maintained to ensure that any trip hazards are limited to 5 mm
- b) Paths must be maintained to ensure that any trip hazards are limited to 10 mm
- c) Paths must be maintained to ensure that any trip hazards are limited to 15 mm
- d) Paths must be maintained to ensure that any trip hazards are limited to 25 mm

please see over.....

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Question 13

A block paved area shown below is inspected as part of a maintenance schedule.



Which of the following maintenance options would be the most appropriate?

- a) The paved area should always be lifted and replaced to remove the moss
- b) The paved area should always be treated with nitric acid to remove the moss
- c) The paved area should always be wire brushed to remove the moss
- d) The paved area should always be high pressure washed to remove the moss.

Question 14

“This process measures the benefits of a decision or of taking action minus the costs associated with taking that action.”

Which management process is being described?

- a) Scope of work analysis
- b) Cost benefit analysis
- c) Investment analysis
- d) Cash flow analysis.

please turn over.....

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Question 15

Which of the following is not a key component of a garden management plan?

- a) Strategic site objectives
- b) Records of plant collections
- c) Audience and visitor management
- d) Regular review of the accident book.

Question 16

This document describes, in a logical, step-by-step manner, how a specific task should be undertaken.

What document is being referred to?

- a) Method statement
- b) Risk assessment
- c) Best Practice
- d) Trials report.

Question 17

This question relates to the pre-visit information that should be available on garden websites to make the visitor experience accessible and inclusive.

Which one of the following options is not required on a garden website?

- a) The inclusion of a detailed map of the garden
- b) A main menu item that includes an 'Access for All' section
- c) Provision of Alternative (Alt) Text for all website images
- d) Link to the General Emergency Evacuation Plan (GEEP).

Question 18

Which of the following statements is not a recommended part of community engagement?

- a) Information
- b) Compliance
- c) Consultation
- d) Empowerment.

please turn over.....

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Question 19

The practice of supporting people to engage in nature-based interventions and activities to improve their mental and physical health is:

- a) Urban Green Space
- b) Social Enterprise
- c) Green Social Prescribing
- d) Community Gardening.

Question 20

Benchmarking is a useful gardens management tool.

It involves:

- a) the treatment of garden benches to lengthen their serviceable life
- b) peer review, the sharing of data, and of best practice
- c) identifying desire points, to select and install benches
- d) allowing gardens managers to review what is happening in real time.

End of section A.

Please continue to Section B.

Candidate name

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Section B

Answer all questions in this section.
This section is worth 50 marks.

MARKS

Question 1 (8 marks)

This question relates to the management and maintenance of woodland gardens.

a) Woodland gardens are based on distinct layers of planting, these include the canopy and the herbaceous layer. Name **TWO** other layers.

2

i)

ii)

b) Name **ONE** suitable plant species for each layer stated in a).

2

i)

ii)

c) A maintenance schedule for a woodland garden contains the following information.

i) Management trees, to ensure safety, through annual inspection.

ii) Control of weeds, for aesthetic appeal at first true leaf stage.

iii) The management of fallen leaves in the autumn to prevent slips.

State **TWO** other criteria that should be included in a maintenance schedule for a woodland garden to enhance the visitor experience.

2

iv)

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v)

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d) A changing climate is impacting on woodland gardens.

State **TWO** distinct ways that climate resilience can be improved in woodland gardens.

2

i)

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ii)

.....

Total Mark

Candidate name

Candidate number

Centre name

Question 2 (8 marks)

MARKS

This question relates to the management and maintenance of ecological gardens.

a) Define the term 'ecological gardens'.

2

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b) Explain the principles that are used to inform the planting decisions in the creation of ecological gardens.

4

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c) Explain **ONE** key principle that informs the maintenance of ecological gardens?

2

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Total Mark

Candidate name

Candidate number

Centre name

Question 3 (4 marks)

Many gardens have now moved away from using fertilisers in garden areas, with the notable exception of productive growing settings.

Why are fertilisers still considered appropriate for use in productive growing?

MARKS

4

Total Mark

Candidate name

Candidate number

Centre name

Question 6 (6 marks)

MARKS

This question relates to the management of risk within gardens.

You have been asked to assist in writing a risk assessment relating to the safety of volunteers working in a productive garden.

NAMED activity:

i) State **TWO** hazards that should be included in the risk assessment

2

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ii) State **ONE** risk associated with **EACH** hazard given in i).

2

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iii) State **TWO** control measures should be put in place to control **ONE** of the risks identified in ii).

2

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Total Mark

Candidate name

Candidate number

Centre name

Section C

There are **FOUR** questions in this Section. You must only answer **TWO** questions.

Please write your answers on the following pages.

Each question is worth 15 marks. This section is worth 30 marks.

NOTE:

You **MUST** indicate which question you are answering by placing a cross in the appropriate box on the **FRONT** of this exam paper.

please turn over.....

Candidate name

Candidate number

Centre name

