



Excluding examiner comments



R3113

**UNDERSTANDING THE SETTING OUT & CONSTRUCTION OF LANDSCAPING  
ELEMENTS IN THE GARDEN**

Level 3

Thursday 8 February 2024

13:30 – 14:55

Written Examination

Candidate Number: .....

Candidate Name: .....

Centre Name: .....

**IMPORTANT – Please read carefully before commencing:**

- i) The duration of this paper is **85** minutes;
- ii) **ALL** questions should be attempted;
- iii) **EACH** question carries **10 marks**;
- iv) Write your answers legibly in the spaces provided. It is **NOT** necessary that all lined space is used in answering the questions;
- v) Use **METRIC** measurements only;
- vi) Use black or blue ink only. Pencil can be used for drawing purposes only. Ensure that all diagrams are labelled accurately with the line touching the named object;
- vii) Where plant names are required, they should include genus, species and where appropriate, cultivar;
- viii) Where a question requires a specific number of answers; only the first answers given that meet the question requirement will be accepted, regardless of the number of answers offered;
- ix) Please note, when the word '**distinct**' is used within a question, it means that the items have different characteristics or features.

## ANSWER ALL QUESTIONS

## MARKS

**Q1** a) Describe what information is shown on **EACH** of the following scale drawings:

- i) sections
- ii) contour plans
- iii) elevations

4  
2  
1

ii) .....

**Please see over/.....**

3

3

4

- c) State **THREE** distinct excavation tasks that could be included in the groundwork stages of a construction project.

**3**

Total Mark

**Please turn over/.....**

**Q3** a) For a 4m x 4m concrete slab patio against the back of a house:

- i) state a suitable fall to disperse rainwater
- ii) outline the method of calculating the required fall for the patio

**1  
2**

i) .....

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ii) .....

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b) Describe how to set out the fall for the patio in a) using wooden pegs.

**7**

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**Please see over/.....**

## MARKS

Total Mark

**Please turn over/.....**

## Q4

Describe the installation of a permeable domestic driveway under **EACH** of the following headings:

- i) appropriate foundations
- ii) specification and installation of **ONE NAMED** edging material
- iii) specification and installation of **ONE NAMED** surface material

3  
4  
3

**NOT TO INCLUDE SETTING OUT**

**Please see over/.....**



iii)

Total Mark

**Please turn over/.....**

**Q5** a) Describe what is meant by reconstituted stone.

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b) State **FOUR** advantages of using reconstituted stone blocks rather than natural stone when constructing a garden wall.

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- c) Describe **TWO** methods of providing drainage from behind a 1 metre high retaining wall.

**4**

Total Mark

**Please turn over/.....**

**Q6**

An area of hard-standing is to be constructed in a front garden:

- i) describe **TWO** methods of collecting surface water into a pipe leading to a soakaway
- ii) describe the construction of a soakaway suitable for disposal of the run-off

4

6

**NOT TO INCLUDE HARD SURFACE CONSTRUCTION DETAILS**

.....  
**Please see over/.....**



**Q7**

A rock garden is to be installed in a new garden.

- i) State **SIX** factors to be considered when carrying out the site assessment prior to construction
- ii) State **FOUR** hazards to be noted in the risk assessment for its construction

6

4

**Please see over/.....**

**Please turn over/.....**

**Q8** a) Describe the procedure for constructing a timber sleeper suitable raised bed including the tools and equipment used.

6

**NOT TO INCLUDE SETTING OUT**

**Please see over/.....**



4

- b) Describe **TWO** distinct methods of securing the sleepers together.

## NOT THE STAGES OF ERECTING A RAISED BED

Total Mark

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