Excluding examiner comments





R3111

UNDERSTANDING GARDEN SURVEY TECHNIQUES & DESIGN PRINCIPLES

Level 3

Thursday 8 February 2024 09:00 – 10:25

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

dining area as part of a client bri	

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M	ΙΔ	R	K.S

b) List **FOUR** existing site features or characteristics that might need to be taken into account when designing the dining area, and for **EACH** of these, state how it could influence the design, by completing the table below.

6

	Existing feature or characteristic	Influence on design of dining area
1		
2		
3		
4		
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Total Mark

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Q2	a)	State the characteristics of a south-facing aspect that could affect plant choice.

Describe THREE possible uses for which a south-facing aspect within a garden would be beneficial.	MAF
	Tatal
Please turn over/	Total

MARKS

4

Q3	a)	Explain how a Conservation Area designation could influence the garden design process with respect to trees.

	MARK
State SIX ways in which existing tree roots on a site could influence the garden design process.	6
	Total Ma

Q4	a)	Describe how to survey the dimensions of the details of one side of a house.	MARKS 5

MARKS b) Describe how extended measurements taken from one side of a house could be used to plot the position of a tree in relation to the house. 5 Total Mark

9

			MARKS
Q5	a)	State, for a measurement on the ground of 10 metres, what the measurement on a scale drawing would be at each of the following scales:	
		i) 1:20 ii) 1:50 iii) 1:100 iv) 1:500	1 1 1 1
		i)	
		ii)iii)	
	b)	iv)	2

MARKS Describe **TWO** types of scale drawing that could be produced from a level survey. 4 Total Mark

		_
Describ	e ONE example of how balance can be achieved in:	
i)		
i) ii)	an informal design a formal design	
i) ii)	an informal design	
i)	an informal design a formal design	
i)	an informal design a formal design	
i)	an informal design a formal design	
i)	an informal design a formal design	
i)	an informal design a formal design	
i)	an informal design a formal design	
	an informal design a formal design	
i)	an informal design a formal design	
	an informal design a formal design	
i)	an informal design a formal design	
i)	an informal design a formal design	

	MARI
Describe how balance should be considered at the site appraisal stage of the garden design process.	4
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MARK
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14

	MARKS
ii)	

Total Mark

MARKS

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Q8	a)	State SIX distinct ways in which environmental awareness influences design of domestic gardens in the UK today.

MARKS Describe **TWO** potential limitations of horticultural shows with respect to promoting environmental awareness amongst domestic gardeners. b) 4 Total Mark

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