



OXFORD CAMBRIDGE AND RSA EXAMINATIONS

GCSE (HIGHER TIER)

**ENVIRONMENTAL AND LAND-BASED
SCIENCE**

B492H

Amenity Horticulture

Specimen Mark Scheme

The maximum mark for this test is 36.

Question Number	Answer	Marks
1	C (AO1)	[1]
2	B (AO2)	[1]
3	B (AO2)	[1]
4	D (AO1)	[1]
5	B (AO1)	[1]
6	B (AO1)	[1]
7	A (AO1)	[1]
8	One mark each for any two points (AO1). Cuts long grass/cuts wet grass/works on uneven surfaces/can cope with twigs/easier maintenance.	[2]
9	No protective clothes/gloves/mask/breathing apparatus (or similar) (AO1).	[1]
10	Max two marks (AO2). Feature: double glazing Advantage: better insulation (1) Feature: concrete Advantage: better insulation/durable (1) Feature: white walls Advantage: heat reflection (1) Feature: below soil Advantage: better insulation/constant temperature (1)	[2]
11	Position A: cheap, cable a problem (1) (AO1). Position B: noisy, effective , shortlived, safety problem (1) (AO1). Position C: strong, efficient, the more blades the better the cut (1) (AO1).	[3]
12	If electric, can cut through wire/danger of blades when lifted (1) (AO2).	[1]
13	Chitted seeds: dry out/root damage (1) (AO2).	[1]
14	Seedlings in jelly: difficult to extract and plant (1) (AO2).	[1]
15	Plantlets: easy to damage young stems (1) (AO2).	[1]
16	Advantage: can grow things out of season/can control conditions (1) (AO1). Disadvantage: more expensive/more environmental damage (1) (AO1).	[2]
17	One mark each for any two of the following points (AO1): <ul style="list-style-type: none"> • fewer labour costs; • always accurate/right conditions; • automatic/works all the time; • records environmental conditions. 	[2]

