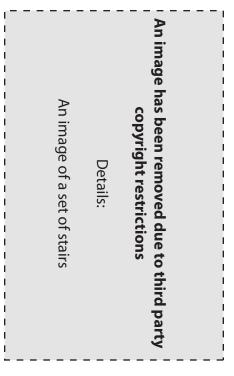
## Answer ONE question only.

In many houses the hall, landing and stairs can be the most difficult area to decorate

A system to allow a decorator to safely reach all heights in order to paint and hang wallpaper is



#### Data

- products. The maximum height a decorator must reach is 6 metres. Market research has indicated that there is a potential demand for an initial minimum of 5,000

Theme: Painting and decorating.

2 reversed without any warning system. All large vehicles are required by law to have a reversing alarm fitted. However, caravans are often

An illustration of a car towing a caravan	Details:	An illustration has been removed due to third party copyright restrictions
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A system that alerts people when a caravan is being reversed is required

## Data

Market research has indicated that there is a potential demand for an initial minimum of 5,000 products.

Theme: Alarms.

ω ensure their outdoor hanging basket and tub plants receive sufficient water. When householders go on holiday, particularly during the summer they are faced with the problem of how to

## An illustration has been removed due to An image of a doorway with hanging baskets and pot plants restrictions **Details:** third party copyright

A system that ensures all outdoor hanging basket and tub plants are correctly watered is required.

## Data

- Market research has indicated that there is a potential demand for an initial minimum of 5,000 products. External mains water and electricity supplies are available.

Theme: Garden maintenance.

# ALLOCATION OF MARKS FOR PAPER 2525/02

specification points. [16]

(a)

- <u>6</u> initial ideas. [38]
- $\bigcirc$ <u>a</u> communication skills and techniques. features suitable for development. [10] [8]

[Total : 72]

All dimensions are in mm.

Where necessary, calculators may be used.

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A3 SHEET 1 OF 4	ituation, that initial ideas should meet. [16]	A list of <b>eight</b> qualified specification points, directly related to the given situation, that initial ideas should meet. [16]	(a) A list of e	

2525/02 SYSTEMS AND CONTROL	2524/02 PRODUCT DESIGN	nitial ide	
	CANDIDATE NAME	Range of ideas. [10] Basign ideas relating to the functional aspects raised in your specification. [5] Quality of design thinking relating to the volume production and wider market issues. [5] Consideration of specific materials and components (may include calculations.) [5] Consideration of dimensional detail (may include calculations). [3] Evaluation of the suitability of the ideas with reference to the Specification. [7]  [Total : 38]	
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A3 SHEET 4 OF 4				nt.	(c) Features suitable for development.