Section A

Answer **all** questions in this section.

- A1 The drawings below show two designs for card packages with clear plastic windows. In the spaces provided complete:
 - (a) the isometric drawing of design A;

[5]

(b) the orthographic views of design B.

[4]

	orthographic views	isometric		
A	plan front end	front		
В	plan front end	front		

A2	(a)	(i)	Name a plastic that could be used for the windows.
			[1]
		(ii)	Give two reasons why the material is suitable for this use.
			1
			[1]
			2
			[1]
	(b)	Use	a sketch and notes to show a method of fixing a window in place on a card package. [2]

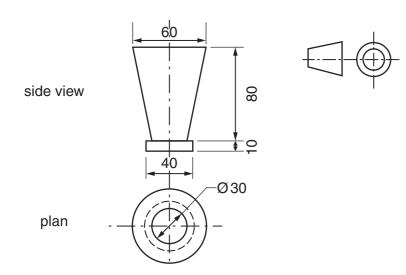
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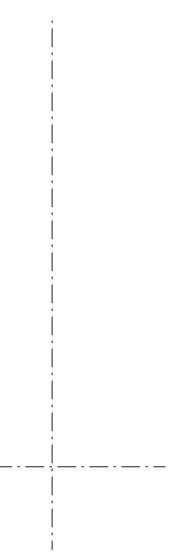
Other Names

[Turn over

A3 Design A will be used as a package for a metal cup. Orthographic views of the metal cup are shown below.



(a) On the centre lines below draw a full-size planometric view of the metal cup.



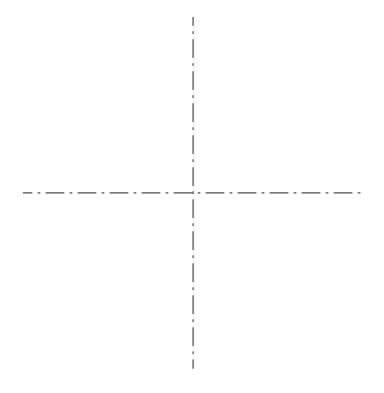
[6]

(b) Design **B** is available in three different colours. The sales of each colour in 2015 are shown below.

	red	blue	yellow
sales	800	400	600

[5]

On the centre lines below draw a pie chart to show the sales of each colour.



Section B Answer either question B4 or B5.	
B4 Orthographic views of a perfume bottle are shown on the right.	
(a) Complete the estimated two-point perspective drawing below of the perfume bottle. [15]	plan
(b) The name Glow is printed on the label using thermochromic ink. (i) State two decisions that would need to be made when selecting the lettering for the name Glow. 1	front end
2	
(ii) In the space below use a sketch and notes to explain how thermochromic ink would add interest to the label.[3]	
	(ii) State two properties of corrugated cardboard that make it suitable as packaging for the perfume bottle.
	1
	2[1]
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	Other Names

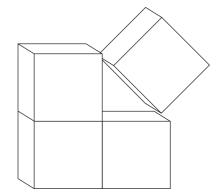
D =	A - I - 4 - I 6			1 1		Landania
B 5	A sketch of	a sports	company	logo is	s snown	below.

(a) Complete the enlargement of the logo. [12]

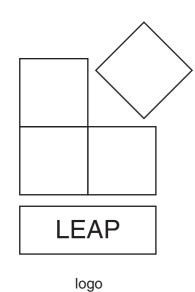
(c) A three-dimensional version of the sports logo is shown below.

Apply thick and thin line technique to enhance the drawing of the logo below.

[3]







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(b) The logo is to be screen-printed on a tee-shirt. Use sketches and notes to describe the process of screen printing. [7]

(d) Objects are frequently drawn to scale.Complete the table below to show scales that are commonly used in drawing.

[3]

scale	object	drawing
1:1		100 mm
1:2	300 mm	
5:1	100 mm	