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;
 - (b) the orthographic views of design **B**.



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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[5]

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 -	-	Sheet 1 of 2

- A3 Design A will be used as a package for a metal cup. Orthographic views of the metal cup are shown below.
 - 60 80 side view **∔**⊇ 40 -Ø30 plan

_ - ___ - ___ - ___

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

(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

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

_ - __ - __ -

[6]



[5]

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 bo	ottle. [15]	plan glow front end
 (b) The name <i>Glow</i> is printed on the label using thermochromic ink. (i) State two decisions that would need to be made when selecting the letteri for the name <i>Glow</i>. 1. 2. 	[1]	(c) The package for the perfume bottle is made from(i) Draw in the space below a sectional view of a
(ii) In the space below use a sketch and notes to explain how thermochron interest to the label. 0445/21 Oct/Nov 2016 1 hour	nic ink would add [3]	 (ii) State two properties of corrugated cardboar packaging for the perfume bottle. 1
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drawing
100 mm