

**Oxford Cambridge and RSA Examinations**

**General Certificate of Secondary Education**

**DESIGN AND TECHNOLOGY (GRAPHIC PRODUCTS)**  
PAPER 1  
FOUNDATION TIER

**1955/1**

**1055/1**

MARK SCHEME

**Specimen Paper 2003**

Question	Answer	Total Marks Available
<b>1(a)</b>	<b>(i)</b> Four lines in correct positions (accept solid or broken lines). (1 mark each)	<b>4</b>
	<b>(ii)</b> Window drawn on correct side (1 mark) Window drawn to correct sizes (1 mark)	<b>2</b>
<b>1(b)</b>	<b>(i)</b> Some understanding of the reason for the modification (1 mark) Clear understanding of reason for the modification e.g. Tape is difficult to get out <b>because</b> of the end of the sleeve therefore finger grip cutouts needed. (2 marks)	<b>2</b>
	<b>(ii)</b> 1 mark for each appropriate reason. e.g. uses more card, more difficult to assemble, takes more time to make.	<b>2</b>
		<b>Total 10</b>

<b>2(a)</b>	Correct outside shape	
	1 square (1 mark)	
	2 squares joined (2 marks)	
	3 squares correctly joined (3 marks) (maximum 1 for correct interpretation but very inaccurate)	<b>4</b>
	Size (121 – 125mm) (1 mark)	
	Finger cutout – correct position (can be wrong shape) (1 mark)	<b>2</b>
	Appropriate size and shape (1 mark)	<b>2</b>
	Glue tabs – 2 tabs correctly positioned (1 mark)	
	Shape – angled ends (allow if only one tab) (1 mark)	<b>2</b>
<b>2(b)</b>	Any appropriate method (1 mark for each) e.g. some form of self adhesive security tag, case is shrink wrapped, additional security case.	<b>2</b>
	<b>Total 10</b>	

<b>Question</b>	<b>Answer</b>	<b>Total Marks Available</b>
<b>3(a)</b>	Pieces joined but not appropriate (1 mark) e.g. some pieces glued on Appropriate method of joining e.g. halving joint (2 marks) Slots of appropriate size (1 mark)	<b>3</b>
<b>3(b) (i)</b>	Regular hexagon drawn (1 mark) Star projected from hexagon (can be either inside or outside) (1 mark)	<b>2</b>
<b>(ii)</b>	1 mark for each appropriate improvement e.g. makes marking out/cutting out of star quicker to do. Makes sure they are all the same shape/size	<b>2</b>
<b>3(c)</b>	At least two appropriate stages identified (1 mark) At least four appropriate stages identified (1 mark) Materials, tools and equipment correctly identified (at least 3) (1 mark)	<b>3</b>
		<b>Total 10</b>

<b>4(a)</b>	At least 2 lines correctly drawn (1 mark) 3-4 lines correctly drawn (2 marks) 5-6 lines correctly drawn (3 marks)	<b>3</b>
<b>4(b)</b>	Correct 'tool' selected (1 mark) Correct use explained (2 marks) Correct grid references used (1 mark)	<b>3</b>
<b>4(c)</b>	Correct 'tool' selected (1 mark) Correct use explained (1 mark)	<b>2</b>
<b>4(d)</b>	Each appropriate advantage (1 mark for each) e.g. easy to change sizes/colour, easy to add additional features such as text, saves time re-drawing it for each new product.	<b>2</b>
		<b>Total 10</b>

<b>Question</b>	<b>Answer</b>	<b>Total Marks Available</b>
<b>5(a)</b>	<p>7 appropriate advantages or disadvantages (total possible marks – 7)</p> <p>e.g. Design A offers only limited product protection as the tape could easily slide out of the sleeve. Design B is more environmentally ‘friendly’ as it is made from recycled card. Design C is more durable as it has a plastic case.</p>	<b>7</b>
<b>5(b)</b>	<p>Choice supported by only poorly reasoned arguments, limited to possibly one criteria heading (1 mark)</p> <p>Well reasoned choice which addresses at least two of the criteria headings (2 marks)</p> <p>A very well reasoned choice which addresses at least two of the criteria headings (2 marks)</p> <p>The conflict between advantages and disadvantages is discussed and resolved (3 marks)</p>	<b>3</b>
		<b>Total 10</b>

**Total mark available: 50**