

Oxford Cambridge and RSA Examinations

General Certificate of Secondary Education

DESIGN AND TECHNOLOGY (GRAPHIC PRODUCTS)
PAPER 4
HIGHER TIER

1955/4

MARK SCHEME

Specimen Paper 2003

Question	Answer	Total Marks Available
1 (a)	Pull Tab show correctly positioned in the two slots	1
1 (b)	3 marks for all correct solution well drawn in proportion (Pr 3)	3
1 (c)	RECIPROCATING	1
1 (d)	OSCILLATING	1
1 (e)	Sketch showing the two Pivot Arms correctly attached to the Pull Tab (Pr2)	2
1 (f)	Thicker Card	1
1 (g)	Correct Length/ Width/ accurately cut	1
		Total 10

2 (a)	A survey could be carried out on children to see if they like the character	1
2 (b)	Photocopying is too expensive for 10,000	1
2 (c)	Foamboard or thick card	2
2 (d)	Die Cutting	1
2 (e)	Suitable Exploded isometric sketch (1 mark) Suitable method (1 mark)	2
2 (f)	The digitally produced image will be easier to manipulate into different forms	2
2 (g)	More profit by cutting out the retailer	1
		Total 10

Question	Answer	Total Marks Available
3 (a)	Half Major Axis 100mm (1 mark) Half Minor Axis 40 mm (1 mark) Ellipse construction / curve (2 marks) R20 radius (1 mark) Correct end view (1 mark)	6
3 (b)	Stand shown leaning back	2
3 (c)	Some form of stamping or cutting described	2
		Total 10

4 (a)	Half of letter T drawn in isometric with sloping lines parallel to the open flap (Pr2)	2
4 (b)	Screen printing	1
4 (c)	Suitable use of vanishing points (1 mark) Evidence of foreshortening (1 mark) Box shown with two flaps open (2 marks)	4
4 (d)	Able to make changes (1 mark) / one view will automatically generate the other (1 mark)	2
4 (e)	Cost / expertise required to use the equipment	1
		Total 10

5 (a)	Quality of sketches and notes (Pr2) Suitable materials / construction detail (Pr2) Specification considered (Pr2)	6
5 (b)	Scale 1:2 (1 mark) Section detail shown (Pr2) Accuracy of drawing (1 mark)	4
		Total 10

Total mark available: 50

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