UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

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for the guidance of teachers

0445 DESIGN AND TECHNOLOGY

0445/02

Paper 2 (Graphic Products), maximum raw mark 50

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

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CIE is publishing the mark schemes for the May/June 2009 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page 2	Mark Scheme: Teachers' version	Syllabus Syllabus
	IGCSE – May/June 2009	0445 22
		- an
1 Headband		76.
Width 2×1 (2))	9
On left of ellips		
		Syllabus 0445 Papa er 0445
Ellipse Major axis	160 (1)	
Minor axis	120 (1)	
Construction	(all points plotted) (3)	
	(evident on half) (2)	
	(evident) (1)	[0]
Correct orienta	ation (1)	[6]
		[Total: 9]
2 Accuracy and	propertion of:	
A (1)		
M (1)		
E (1)		
S (1)		
Spacing (1) Height (1)		[6]
		٢~١
		[Total: 6]
(a) Cross halv		
	bottom of F.E. (2)	[2]
(b) Overall pr	oportion – height (1) width (1)	
Stand slop	ping back (1)	
	oportion (1)	
Front cut-		
Radius co	ge of pocket evident (1) prners to pocket (1)	
	pack prop behind part A (1)	[8]
		[Total: 10]

age 3	Mark Scheme: Teachers' version	Syllabus Syllabus
	IGCSE – May/June 2009	0445
 (a) Bar Chart Each year block and labelled (5 × 1) Each year correct height to scale (5 × 1) 		Syllabus 0445 BabaCannbridg
	Ø40 (1) Ø20 (2 × 1) Ø20 (2 × 1) prrect and equal (2) rs radius 20 (2)	[10]
Drawn rec	to focal point (2)	[5]
Square or		[5] [Total: 25]
 a) View from A Two sides correct O/Length 150 (2 × 1) 30° included angle (1) 50 plain end (1) 60 window (1) 		[5]
View from 50 high (1) 78 ±2 wide 2 × Windo On bottom Flap show) e (1) ws (1)	[5]
Height of s 2 rectangu 30° middle Fold line 2 Window cu Window 50	tent side 150 (1) side 50 (1) alar sides (2) e section (1) 5 down (2 \times 1) uts 60 apart (1) D from base end (1) arallel to base (2 \times 1)	[11]
Pr 1–2 (2)	nold together	
Pr 1–2 (2)		[4]
		[Total: 25]
Cut line pa) Flaps will h Pr 1–2 (2) Quality of s	arallel to base (2 × 1) nold together	