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## **CAMBRIDGE INTERNATIONAL EXAMINATIONS**

**International General Certificate of Secondary Education** 

## MARK SCHEME for the October/November 2013 series

## 0445 DESIGN AND TECHNOLOGY

**0445/23** 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 should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2013 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

Page 2		ge 2	Mark Scheme	Syllabus	
		<del>g-</del>	IGCSE – October/November 2013	0445	
<b>A</b> 1	(a)	Line at 60		Syllabus 0445 RAPARAMBARITA	
	(b)	lower arm	n 12 wide from shoulder (1) n 12 wide with semi circle (1) on Centre line (1)	[3]	
	<b>(</b> c)		sing shape (1) regular and 30 side (1)	[2]	
	(d)		le shown (1) le R 26 on centre line (1)	[2] [Total 9]	
A2	(a)	Lettering Accuracy S (1) A (1) Spacing ( Height (1)		[4]	
	(b)	Signboard Border ev Repeat ra		[2] [Total 6]	
A3	A3 80 square base (1) 60 high back (1) Lid added vertically (1) Tapers correct at 20 × 20 (1) Insert shown (1) Insert shown 30 high (1) Circle in insert evident (1) Circle shown Ø50 in isometric (1) Construction for circle evident (1) Inner of box evident through hole (1)				

		IGCSE – October/November 2013	0445
B4 (a)	7 cc 6 ex 2 sid Side 2 × Folc Lid I 20 cc	cred sides (1) sides shown to O/L PR (6) with sloping edge (1) ave slopes in correct orientation (1) out flaps at $90^{\circ}$ to slope (1) a flaps 15 wide with radius ends (1) th $85 \pm 2$ (1) front (1) back (1) 20 deep (1)	0445 THACAMBARIAGE.
(b)	Arro Slot	ow-tabs and slots ow-tab drawn correctly (3) t size to match (1) 4 arrow-tabs shown 4 × 1 (4)	[8]
(c)	Halv	ving slots/tabs or similar 0–2 PR (2)	[2] <b>[Total 25]</b>
B5 (a)	Circ 6 div 2 × 0 3 × 0 4/5 0 Lab	chart cle (1) visions (1) correct 1 mark correct 2 marks correct 3 marks (3) els on correct segment (1) antity correct (1)	[7]
(b)	(i)	Bar chart Three seasons correctly referenced (1) Rise and fall chart (spring to autumn) (1) To approximate scale (1)	[3]
(b)	(ii)	Three dimensional bar chart 3D (1)  Spring Three blocks 3D PR (3) Correct value to scale PR (3) Labels added and correct to value (1)  Summer Three blocks 3D PR (3) Correct value to scale PR (3)	
		Labels added and correct to value (1)	[15]
			[Total 25]

Mark Scheme

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Syllabus