

WANN, Papa Cambridge.com MARK SCHEME for the May/June 2011 question paper

for the guidance of teachers

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

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Pa	ge 2	Mark Scheme: Teachers' version Syllabus	
	<u> </u>	IGCSE – May/June 2011 0445	2Day
(a)		-angled triangle (1) - 20 from deck (1)	aba Cambrid
(b)	Any quao R40 (1) Two miss	drant (1) sing lines from hull (1+1)	[4]
(c)		agon (1) nexagon 90 A/C (1) 8 from mast (1)	[3]
			[Total: 9]
(a)	Missing I	ines (1)	[1]
(b)	Accuracy R (2) T (1) Spacing	v and proportion of:	
	Height (1		[5]
			[Total: 6]
(a)	Height of 20 SQ ho Square h Ø80 cylin 90 high o	equare base (1) base 60 (1) ble (1) hole central to side (1) hder top (1) eylinder (or crate) (1) eylindes of base (1)	[7]
(b)	Tone app Tone sho	blied (1) own different on min 2 faces (2)	[3]
			[Total: 10]
· (a)	5 extra set three furt (on 70 lo glue tabs glue tabs 3 fold in f Fold lines	ment ected surfaces (1) urfaces to O/L tolerance +/- 3mm on 73 slope to lid allow for error c/f (5) ther glue tabs ng sides) 3×1 (3) 3 9 wide (1) 3 angled ends (1) flaps with radius ends (3) $3 (4 \times 1)$ (4) size 30×5 (1)	
		centrally on lid (1) correct orientation (1)	[21

Syllabus 70 r 0445	Mark Scheme: Teachers' version IGCSE – May/June 2011	Page 3
Syllabus 0445 (4) [4] [Total: 25]	- suitable method d etc (1) o etc (1) 1)	
	<i>view</i> ctangle 240 length + 120 width (1) rect 10 wide (1) rect position 140 from RHS (1) truding (1)	Mast co Mast co
) rectangle to R of mast (1) rectangle to L of mast (1) le R40 on centre line (1) es shown (2 × 1) (2) gs' 20 long (2 × 1) (2)	20 × 80 semi-cir 2 fold lir
[18]	pse is 120 (60 shown) (1) is 60 (1) e lines given (1) tion Pr 0–2 (2) outline to construction (1)	Minor a On cent Constru
[3]	v correct position (2 × 1) (2) & 100 shown. (1)	
[4]	al card + joint Pr 0–2 (2) 0–2 (2)	(c) <i>Joining</i> Additior Notes P
[Total: 25]		