

International General Certificate of Secondary Education

MARK SCHEME for the November 2005 question paper

0445 DESIGN AND TECHNOLOGY

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0445/02

Communication maximum raw mark 60

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which Examiners were initially instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the *Report on the Examination*.

The minimum marks in these components needed for various grades were previously published with these mark schemes, but are now instead included in the Report on the Examination for this session.

• CIE will not enter into discussion or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the November 2005 question papers for most IGCSE and GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



UNIVERSITY of CAMBRIDGE International Examinations

Page 1			Mark Scheme								Syllabus		5		Paper	•		
						IGCS	SE –	Nove	mber	2005				145			2	
Q1 (Inves	ching stigatio 2 for	on o	f at le			suital	ole de	evelopn	nents	up to up to		3 4	7			
((b)	Deve	elopme		– aco – glu	curad	cy of flaps	fsizes	5	2, adec	quate siz	up to e 2, up to		2 6 4 2	<u>14</u>			
(Quali	tive u ity of _l gn sui	pres	enta	tion						up to up to up to		3 3 <u>3</u>	9	30		
Q2 (Accu Lette	heigh iracy c ers equ e style	of th ui-sp	ree le baceo	etters d	s 3 x	: 1		2 x 1 led O)				2 3 1 1	7			
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((c)	Dime	ension	ning				(allov ance v		to 2 om 3S	itted)	up to		5 3	8	<u>30</u>		
Q3 (ching able in			on						up to up to		2 3	5			
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Page 2		Mark	Syllabu	IS	Paper	
		IGCSE – No	ovember 2005	0445		2
Q4 (a)	• •	Hexagonal 1, prism 1 Cylinder		<u>2</u> 1	2 1	
(b)	Corr Acc Tou	e quality rect scale uracy of cylinder 2 x 1 ches the other two pots uracy of hexagonal prism	– size 2 x 1 – six-sided shape – regular – touches the other 2 pots	1 1 2 1 2 1 1	10	
(c)	Suit Pot San Goo	tching quality able pictorial view A to the front ne arrangement as (b) of proportions of A, B and on the same base	up up C up to 3 x up	to 2 1 3 9	<u>6</u> 11	<u>30</u>
		Total	for Paper			60