CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the October/November 2012 series

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/03 Paper 3 (Practical Test B), maximum raw mark 80

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 2012 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.



Page 2	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Header name, candidate no, centre no on left 1 mark

Location Lookup used 1 mark
Correct lookup reference 1 mark
Lookup - relative reference 1 mark
Correct range 1 mark
Range – absolute reference 1 mark
Correct return column 1 mark

Property	Customer	Area code	Location	Area (sq ft)	Beds	Features
47300002	42	473	=VLOOKUP(C2,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	408	1	28th floor
48400001	43	484	=VLOOKUP(C3,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	631	1	
52300001	45	523	=VLOOKUP(C4,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	567	2	
53100001	46	531	=VLOOKUP(C5,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1732	3	1 ensuite
47300001	47	473	=VLOOKUP(C6,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1896	3	2 ensuite
47600003	48	476	=VLOOKUP(C7,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1580	3	1 ensuite
48800004	49	488	=VLOOKUP(C8,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1135	2	
53700002	50	537	=VLOOKUP(C9,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1520	3	1 ensuite
52400003	51	524	=VLOOKUP(C10,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	4754	5	Parking, 2 ensuite
49300002	52	493	=VLOOKUP(C11,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	4180	3	1 ensuite
49700001	53	497	=VLOOKUP(C12,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1020	3	2 ensuite
49500002	55	495	=VLOOKUP(C13,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	567	2	
47300002	56	473	=VLOOKUP(C14,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1135	2	
52600002	57	526	=VLOOKUP(C15,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1520	3	1 ensuite
52800002	129	528	=VLOOKUP(C16,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	768	2	
52600001	59	526	=VLOOKUP(C17,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1250	2	1 ensuite
54800001	61	548	=VLOOKUP(C18,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	588	2	
51100001	62	511	=VLOOKUP(C19,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	588	2	
48800002	63	488	=VLOOKUP(C20,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2417	3	1 ensuite
53700001	64	537	=VLOOKUP(C21,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1524	3	1 ensuite
Footer Fu	ıll filename & p	ath in centre	CATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2417	3	1 ensuite

Page 3	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

49300001	128	493	=VLOOKUP(C23,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1787	3	1 ensuite
49700002	68	497	=VLOOKUP(C24,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1600	4	1 ensuite
50500001	69	505	=VLOOKUP(C25,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1590	3	1 ensuite
51900003	70	519	=VLOOKUP(C26,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1590	3	1 ensuite
50900001	71	509	=VLOOKUP(C27,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1590	3	1 ensuite
5000001	72	500	=VLOOKUP(C28,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2330	4	1 ensuite
52600003	73	526	=VLOOKUP(C29,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2687	3	1 ensuite
52600004	75	526	=VLOOKUP(C30,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1595	3	1 ensuite
52600005	76	526	=VLOOKUP(C31,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	3892	4	2 ensuite
52600006	77	526	=VLOOKUP(C32,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	4192	4	2 ensuite
50400004	78	504	=VLOOKUP(C33,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1600	3	1 ensuite
52600014	79	526	=VLOOKUP(C34,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1620	3	1 ensuite
52600008	81	526	=VLOOKUP(C35,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1600	3	1 ensuite
50400002	127	504	=VLOOKUP(C36,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	595	1	
52600015	83	526	=VLOOKUP(C37,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2000	3	1 ensuite
52600010	84	526	=VLOOKUP(C38,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	567	2	
51400001	85	514	=VLOOKUP(C39,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1000	1	
51800001	86	518	=VLOOKUP(C40,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1700	3	1 ensuite
50700002	88	507	=VLOOKUP(C41,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1590	3	1 ensuite
47600004	89	476	=VLOOKUP(C42,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1590	3	1 ensuite
52000002	126	520	=VLOOKUP(C43,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1700	3	1 ensuite
52300002	91	523	=VLOOKUP(C44,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	608	1	
48000002	92	480	=VLOOKUP(C45,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2790	4	2 ensuite
52700001	94	527	=VLOOKUP(C46,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1762	3	1 ensuite
53200002	120	532	=VLOOKUP(C47,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	780	2	
54200002	96	542	=VLOOKUP(C48,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	780	1	

Page 4	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

51400002	97	514	=VLOOKUP(C49,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	571	2	
51800002	98	518	=VLOOKUP(C50,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	581	1	
54500001	99	545	=VLOOKUP(C51,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1700	3	1 ensuite
54300001	101	543	=VLOOKUP(C52,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	682	1	
51300002	102	513	=VLOOKUP(C53,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	3174	4	2 ensuite
54500002	103	545	=VLOOKUP(C54,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	571	2	
54400002	104	544	=VLOOKUP(C55,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	5234	5	3 ensuite
51900002	105	519	=VLOOKUP(C56,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2877	3	1 ensuite
52000001	107	520	=VLOOKUP(C57,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1787	3	1 ensuite
53300001	108	533	=VLOOKUP(C58,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	604	2	
52800001	109	528	=VLOOKUP(C59,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1580	3	1 ensuite
52100002	110	521	=VLOOKUP(C60,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	4869	4	3 ensuite
48600002	111	486	=VLOOKUP(C61,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	6400	6	6 ensuite, garden
48800005	112	488	=VLOOKUP(C62,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	3649	4	2 ensuite
53000002	114	530	=VLOOKUP(C63,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	3206	1	1 ensuite
52200001	115	522	=VLOOKUP(C64,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	953	3	1 ensuite
47600001	116	476	=VLOOKUP(C65,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2700	3	2 ensuite
51900005	117	519	=VLOOKUP(C66,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2102	4	1 ensuite
50900002	118	509	=VLOOKUP(C67,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	361	0	studio
50000002	119	500	=VLOOKUP(C68,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	900	2	1 ensuite
52600011	121	526	=VLOOKUP(C69,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2790	4	2 ensuite
52600012	122	526	=VLOOKUP(C70,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2380	3	1 ensuite
52600013	123	526	=VLOOKUP(C71,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2790	4	2 ensuite
52400001	124	524	=VLOOKUP(C72,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	1600	4	2 ensuite
52200002	125	522	=VLOOKUP(C73,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2390	3	1 ensuite
54400156	141	544	=VLOOKUP(C74,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	2490	4	1 ensuite

Page 5	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Price / sq ft Row H 1 mark divided by 1 mark Row E 1 mark

Price	Price / sq ft	Sales commission	Cost to customer
2550000	=H2/E2	=10000+(IF(E2<=500,H2*0.05,IF(E2<4000,H2*0.075,H2*0.1)))	=H2+J2
8100000	=H3/E3	=10000+(IF(E3<=500,H3*0.05,IF(E3<40, \(\frac{1}{4}\)\(\frac{1}{4}\	=H3+J3
5300000	=H4/E4	=10000+(F(E4<=500.H4*0.05.IF(E4<400\)	=H4+J4
24000000	=H5/E5	=10000+(Sales comm 10000+ 1 mark	=H5+J5
23000000	=H6/E6	=10000+(Nested IF- 2 tiers 1 mark If E2<=500 1 mark	=H6+J6
17000000	=H7/E7	=10000+(Then H2* 1 mark	=H7+J7
9000000	=H8/E8	=10000+(0.05 (5% calc) 1 mark	=H8+J8
17000000	=H9/E9	=10000+(If E2<4000 1 mark 1 mark 1 mark	=H9+J9
300000000	=H10/E10	=10000+(0.075 (7.5% calc) 1 mark (0.1)))	=H10+J10
298000000	=H11/E11	=10000+(Else H2*0.1 1 mark 0.1)))	=H11+J11
7300000	=H12/E12	=10000+(=H12+J12
5300000	=H13/E13	=10000+(H2* 1 mark (0.1)))	=H13+J13
8880000	=H14/E14	=10000+(0.1 (10% calc) 1 mark (0.1))) 1 mark (0.1)))	=H14+J14
13500000	=H15/E15	=10000+(Then H2* 1 mark 0.1)))	=H15+J15
8500000	=H16/E16	=10000+(0.075 (7.5% calc) 1 mark (0.1)))	=H16+J16
11800000	=H17/E17	=10000+(Else H2*0.05 1 mark 0.1)))	=H17+J17
4200000	=H18/E18	=10000+(IF(E18<=500,H18*0.05,IF(E18<4000,H18*0.075,H18*0.1)))	=H18+J18
4500000	=H19/E19	=10000+(IF(E19<=500,H19*0.05,IF(E19<4000,H19*0.075,H19*0.1)))	=H19+J19
29000000	=H20/E20	=10000+(IF(E20<=500,H20*0.05,IF(E20<4000,H20*0.075,H20*0.1)))	=H20+J20
22000000	=H21/E21	=10000+(IF(E21<=500,H21*0.05,IF(E21<4000,H21*0.075,H21*0.1)))	=H21+J21
28000000	=H22/E22	=10000+(IF(E22<=500,H22*0.05,IF(E22<4000,H22*0.075,H22*0.1)))	Cost to customer H2 + J2 1

Page 6	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Candidate name, 0	Sentre number, Can	didate number	
16500000	=H23/E23	=10000+(IF(E23<=500,H23*0.05,IF(E23<4000,H23*0.075,H23*0.1)))	=H23+J23
	1	T	1
17200000	=H24/E24	=10000+(IF(E24<=500,H24*0.05,IF(E24<4000,H24*0.075,H24*0.1)))	=H24+J24
17000000	=H25/E25	=10000+(IF(E25<=500,H25*0.05,IF(E25<4000,H25*0.075,H25*0.1)))	=H25+J25
18000000	=H26/E26	=10000+(IF(E26<=500,H26*0.05,IF(E26<4000,H26*0.075,H26*0.1)))	=H26+J26
16500000	=H27/E27	=10000+(IF(E27<=500,H27*0.05,IF(E27<4000,H27*0.075,H27*0.1)))	=H27+J27
35000000	=H28/E28	=10000+(IF(E28<=500,H28*0.05,IF(E28<4000,H28*0.075,H28*0.1)))	=H28+J28
28000000	=H29/E29	=10000+(IF(E29<=500,H29*0.05,IF(E29<4000,H29*0.075,H29*0.1)))	=H29+J29
17000000	=H30/E30	=10000+(IF(E30<=500,H30*0.05,IF(E30<4000,H30*0.075,H30*0.1)))	=H30+J30
30000000	=H31/E31	=10000+(IF(E31<=500,H31*0.05,IF(E31<4000,H31*0.075,H31*0.1)))	=H31+J31
105000000	=H32/E32	=10000+(IF(E32<=500,H32*0.05,IF(E32<4000,H32*0.075,H32*0.1)))	=H32+J32
21000000	=H33/E33	=10000+(IF(E33<=500,H33*0.05,IF(E33<4000,H33*0.075,H33*0.1)))	=H33+J33
18000000	=H34/E34	=10000+(IF(E34<=500,H34*0.05,IF(E34<4000,H34*0.075,H34*0.1)))	=H34+J34
38000000	=H35/E35	=10000+(IF(E35<=500,H35*0.05,IF(E35<4000,H35*0.075,H35*0.1)))	=H35+J35
4400000	=H36/E36	=10000+(IF(E36<=500,H36*0.05,IF(E36<4000,H36*0.075,H36*0.1)))	=H36+J36
25000000	=H37/E37	=10000+(IF(E37<=500,H37*0.05,IF(E37<4000,H37*0.075,H37*0.1)))	=H37+J37
4500000	=H38/E38	=10000+(IF(E38<=500,H38*0.05,IF(E38<4000,H38*0.075,H38*0.1)))	=H38+J38
12000000	=H39/E39	=10000+(IF(E39<=500,H39*0.05,IF(E39<4000,H39*0.075,H39*0.1)))	=H39+J39
39000000	=H40/E40	=10000+(IF(E40<=500,H40*0.05,IF(E40<4000,H40*0.075,H40*0.1)))	=H40+J40
17000000	=H41/E41	=10000+(IF(E41<=500,H41*0.05,IF(E41<4000,H41*0.075,H41*0.1)))	=H41+J41
18000000	=H42/E42	=10000+(IF(E42<=500,H42*0.05,IF(E42<4000,H42*0.075,H42*0.1)))	=H42+J42
18500000	=H43/E43	=10000+(IF(E43<=500,H43*0.05,IF(E43<4000,H43*0.075,H43*0.1)))	=H43+J43
4700000	=H44/E44	=10000+(IF(E44<=500,H44*0.05,IF(E44<4000,H44*0.075,H44*0.1)))	=H44+J44
81460000	=H45/E45	=10000+(IF(E45<=500,H45*0.05,IF(E45<4000,H45*0.075,H45*0.1)))	=H45+J45
28000000	=H46/E46	=10000+(IF(E46<=500,H46*0.05,IF(E46<4000,H46*0.075,H46*0.1)))	=H46+J46
7200000	=H47/E47	=10000+(IF(E47<=500,H47*0.05,IF(E47<4000,H47*0.075,H47*0.1)))	=H47+J47
8500000	=H48/E48	=10000+(IF(E48<=500,H48*0.05,IF(E48<4000,H48*0.075,H48*0.1)))	=H48+J48

Page 7	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

4800000	=H49/E49	=10000+(IF(E49<=500,H49*0.05,IF(E49<4000,H49*0.075,H49*0.1)))	=H49+J49	
---------	----------	---	----------	--

SECTION SECT			
8000000	6500000	=H50/E50	=10000+(IF(E50<=500,H50*0.05,IF(E50<4000,H50*0.075,H50*0.1))) =H50+J50
17000000	25000000	=H51/E51	=10000+(IF(E51<=500,H51*0.05,IF(E51<4000,H51*0.075,H51*0.1))) =H51+J51
S000000	8000000	=H52/E52	=10000+(IF(E52<=500,H52*0.05,IF(E52<4000,H52*0.075,H52*0.1))) =H52+J52
18000000 =H55/E55 =10000+(IF(E55<=500,H55*0.05,IF(E55<4000,H55*0.075,H55*0.1)))	17000000	=H53/E53	=10000+(IF(E53<=500,H53*0.05,IF(E53<4000,H53*0.075,H53*0.1))) =H53+J53
61000000	5000000	=H54/E54	=10000+(IF(E54<=500,H54*0.05,IF(E54<4000,H54*0.075,H54*0.1))) =H54+J54
30000000	180000000	=H55/E55	=10000+(IF(E55<=500,H55*0.05,IF(E55<4000,H55*0.075,H55*0.1))) =H55+J55
5400000 =H58/E58 =10000+(IF(E58<=500,H58*0.05,IF(E58<4000,H58*0.075,H58*0.1)))	61000000	=H56/E56	=10000+(IF(E56<=500,H56*0.05,IF(E56<4000,H56*0.075,H56*0.1))) =H56+J56
57000000 =H59/E59 =10000+(IF(E59<=500,H59*0.05,IF(E59<4000,H59*0.075,H59*0.1)))	30000000	=H57/E57	=10000+(IF(E57<=500,H57*0.05,IF(E57<4000,H57*0.075,H57*0.1))) =H57+J57
278000000 =H60/E60 =10000+(IF(E60<=500,H60*0.05,IF(E60<4000,H60*0.075,H60*0.1)))	5400000	=H58/E58	=10000+(IF(E58<=500,H58*0.05,IF(E58<4000,H58*0.075,H58*0.1))) =H58+J58
95000000	57000000	=H59/E59	=10000+(IF(E59<=500,H59*0.05,IF(E59<4000,H59*0.075,H59*0.1))) =H59+J59
80000000	278000000	=H60/E60	=10000+(IF(E60<=500,H60*0.05,IF(E60<4000,H60*0.075,H60*0.1))) =H60+J60
85000000 =H63/E63 =10000+(IF(E63<=500,H63*0.05,IF(E63<4000,H63*0.075,H63*0.1)))	950000000	=H61/E61	=10000+(IF(E61<=500,H61*0.05,IF(E61<4000,H61*0.075,H61*0.1))) =H61+J61
5500000 =H64/E64 =10000+(IF(E64<=500,H64*0.05,IF(E64<4000,H64*0.075,H64*0.1)))	80000000	=H62/E62	=10000+(IF(E62<=500,H62*0.05,IF(E62<4000,H62*0.075,H62*0.1))) =H62+J62
38000000 =H65/E65 =10000+(IF(E65<=500,H65*0.05,IF(E65<4000,H65*0.075,H65*0.1))) =H65+J65 17700000 =H66/E66 =10000+(IF(E66<=500,H66*0.05,IF(E66<4000,H66*0.075,H66*0.1))) =H66+J66 3300000 =H67/E67 =10000+(IF(E67<=500,H67*0.05,IF(E67<4000,H67*0.075,H67*0.1))) =H67+J67 10800000 =H68/E68 =10000+(IF(E68<=500,H68*0.05,IF(E68<4000,H68*0.075,H68*0.1))) =H68+J68 69000000 =H69/E69 =10000+(IF(E69<=500,H69*0.05,IF(E69<4000,H69*0.075,H69*0.1))) =H69+J69 69000000 =H70/E70 =10000+(IF(E70<=500,H70*0.05,IF(E70<4000,H70*0.075,H70*0.1))) =H70+170 Total cost: SUM(K2:K74) 1 mark	85000000	=H63/E63	=10000+(IF(E63<=500,H63*0.05,IF(E63<4000,H63*0.075,H63*0.1))) =H63+J63
17700000 =H66/E66 =10000+(IF(E66<=500,H66*0.05,IF(E66<4000,H66*0.075,H66*0.1)))	5500000	=H64/E64	=10000+(IF(E64<=500,H64*0.05,IF(E64<4000,H64*0.075,H64*0.1))) =H64+J64
3300000 =H67/E67 =10000+(IF(E67<=500,H67*0.05,IF(E67<4000,H67*0.075,H67*0.1))) =H67+J67 10800000 =H68/E68 =10000+(IF(E68<=500,H68*0.05,IF(E68<4000,H68*0.075,H68*0.1))) =H68+J68 69000000 =H69/E69 =10000+(IF(E69<=500,H69*0.05,IF(E69<4000,H69*0.075,H69*0.1))) =H69+J69 69000000 =H70/E70 =10000+(IF(E70<=500,H70*0.05,IF(E70<4000,H70*0.075,H70*0.1))) =H70+170 60000000 =H71/E71 =10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1))) Total cost: SUM(K2:K74) 1 mark	38000000	=H65/E65	=10000+(IF(E65<=500,H65*0.05,IF(E65<4000,H65*0.075,H65*0.1))) =H65+J65
10800000 =H68/E68 =10000+(IF(E68<=500,H68*0.05,IF(E68<4000,H68*0.075,H68*0.1)))	17700000	=H66/E66	=10000+(IF(E66<=500,H66*0.05,IF(E66<4000,H66*0.075,H66*0.1))) =H66+J66
69000000 =H69/E69 =10000+(IF(E69<=500,H69*0.05,IF(E69<4000,H69*0.075,H69*0.1))) =H69+J69 69000000 =H70/E70 =10000+(IF(E70<=500,H70*0.05,IF(E70<4000,H70*0.075,H70*0.1))) =H70+I70 60000000 =H71/E71 =10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1))) Total cost: SUM(K2:K74) 1 mark	3300000	=H67/E67	=10000+(IF(E67<=500,H67*0.05,IF(E67<4000,H67*0.075,H67*0.1))) =H67+J67
69000000 =H70/E70 =10000+(IF(E70<=500,H70*0.05,IF(E70<4000,H70*0.075,H70*0.1))) =H70+I70 60000000 =H71/E71 =10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1))) Total cost: SUM(K2:K74) 1 mark	10800000	=H68/E68	=10000+(IF(E68<=500,H68*0.05,IF(E68<4000,H68*0.075,H68*0.1))) =H68+J68
60000000 =H71/E71 =10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1))) Total cost: SUM(K2:K74) 1 mark	69000000	=H69/E69	=10000+(IF(E69<=500,H69*0.05,IF(E69<4000,H69*0.075,H69*0.1))) =H69+J69
-11/1/2/1 -10000+(ii (2/1<-300,ii/1 0.03,ii (2/1<4000,ii/1 0.073,ii/1 0.1)))	69000000	=H70/E70	=10000+(IF(E70<=500,H70*0.05,IF(E70<4000,H70*0.075,H70*0.1)))
79880000 =H72/E72 =10000+(IF(E72<=500,H72*0.05,IF(E72<4000,H72*0.075,H72*0.1))) 72	60000000	=H71/E71	=10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1))) Total cost: SUM(K2:K74) 1 mark
	79880000	=H72/E72	=10000+(IF(E72<=500,H72*0.05,IF(E72<4000,H72*0.075,H72*0.1))) 72
69210000 =H73/E73 =10000+(IF(E73<=500,H73*0.05,IF(E73<4000,H73*0.075,H73*0.1))) = 73	69210000	=H73/E73	=10000+(IF(E73<=500,H73*0.05,IF(E73<4000,H73*0.075,H73*0.1))) 73
70000000 =H74/E74 =10000+(IF(E74<=500,H74*0.05,IF(E74<4000,H74*0.075,H74*0.1))) =H74/F74	70000000	=H74/E74	=10000+(IF(E74<=500,H74*0.05,IF(E74<4000,H74*0.075,H74*0.1))) =H/\(\)

Page 8	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Total cost: =SUM(K2:K74)

Replication Labels & Formonic Orientation

Columns H I J K Dollars 0 dp

Row 1 Centre aligned, bold & Italic Print area 1 page wide

1 mark 1 mark 1 mark

		Area		Area		Print area	2 pages wide		mark	
Property	Customer	code	Location	(sq ft)	Beds	Features	Price	sq ft	commission	customer
47300002	42	473	Cheung Chau	408	1	28th floor	\$2,550,000	\$6,250	\$137,500	\$2,687,500
48400001	43	484	Deep Water Bay	631	1		\$8,100,000	\$12,837	\$617,500	\$8,717,500
52300001	45	523	Kennedy Town	567	2		\$5,300,000	\$9,347	\$407,500	\$5,707,500
53100001	46	531	Diamond Hill	1732	3	1 ensuite	\$24,000,000	\$13,857	\$1,810,000	\$25,810,000
47300001	47	473	Cheung Chau	1896	3	2 ensuite	\$23,000,000	\$12,131	\$1,735,000	\$24,735,000
47600003	48	476	Aberdeen	1580	3	1 ensuite	\$17,000,000	\$10,759	\$1,285,000	\$18,285,000
48800004	49	488	Heng Fa Chuen	1135	2		\$9,000,000	\$7,930	\$685,000	\$9,685,000
53700002	50	537	Yau Ma Tei	1520	3	1 ensuite	\$17,000,000	\$11,184	\$1,285,000	\$18,285,000
52400003	51	524	Wong Chuk Hang	4754	5	Parking, 2 ensuite	\$300,000,000	\$63,105	\$30,010,000	\$330,010,000
49300002	52	493	Midlevels East	4180	3	1 ensuite	\$298,000,000	\$71,292	\$29,810,000	\$327,810,000
49700001	53	497	North Point	1020	3	2 ensuite	\$7,300,000	\$7,157	\$557,500	\$7,857,500
49500002	55	495	Midlevels West	567	2		\$5,300,000	\$9,347	\$407,500	\$5,707,500
47300002	56	473	Cheung Chau	1135	2		\$8,880,000	\$7,824	\$676,000	\$9,556,000
52600002	57	526	Kowloon Bay	1520	3	1 ensuite	\$13,500,000	\$8,882	\$1,022,500	\$14,522,500
52800002	129	528	Kowloon Tong	768	2		\$8,500,000	\$11,068	\$647,500	\$9,147,500
52600001	59	526	Kowloon Bay	1250	2	1 ensuite	\$11,800,000	\$9,440	\$895,000	\$12,695,000
54800001	61	548	Tai O	588	2		\$4,200,000	\$7,143	\$325,000	\$4,525,000
51100001	62	511	Sheung Wan	588	2		\$4,500,000	\$7,653	\$347,500	\$4,847,500
48800002	63	488	Heng Fa Chuen	2417	3	1 ensuite	\$29,000,000	\$11,998	\$2,185,000	\$31,185,000
53700001	64	537	Yau Ma Tei	1524	3	1 ensuite	\$22,000,000	\$14,436	\$1,660,000	\$23,660,000
52400002	65	524	Wong Chuk Hang	2417	3	1 ensuite	\$28,000,000	\$11,585	\$2,110,000	\$30,110,000

 $Y: \label{locality} Y: \label{locality} Operations \label{locality} Document_Production \label{locality} Documents \label{locality} Winter 2012 \label{locality} IGCSE \label{locality} Winter 2012 \label{locality} IGCSE \label{locality} Winter 2012 \label{locality} IGCSE \label{locality} Winter 2012 \lab$

Page 9	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Candidate name.	Centre number.	Candidate number

	arrio, Ocritic i									
49300001	128	493	Midlevels East	1787	3	1 ensuite	\$16,500,000	\$9,233	\$1,247,500	\$17,747,500
49700002	68	497	North Point	1600	4	1 ensuite	\$17,200,000	\$10,750	\$1,300,000	\$18,500,000
50500001	69	505	Sai Ying Pun	1590	3	1 ensuite	\$17,000,000	\$10,692	\$1,285,000	\$18,285,000
51900003	70	519	Taikoo Shing	1590	3	1 ensuite	\$18,000,000	\$11,321	\$1,360,000	\$19,360,000
50900001	71	509	Shek O	1590	3	1 ensuite	\$16,500,000	\$10,377	\$1,247,500	\$17,747,500
5000001	72	500	Pokfulam	2330	4	1 ensuite	\$35,000,000	\$15,021	\$2,635,000	\$37,635,000
52600003	73	526	Kowloon Bay	2687	3	1 ensuite	\$28,000,000	\$10,421	\$2,110,000	\$30,110,000
52600004	75	526	Kowloon Bay	1595	3	1 ensuite	\$17,000,000	\$10,658	\$1,285,000	\$18,285,000
52600005	76	526	Kowloon Bay	3892	4	2 ensuite	\$30,000,000	\$7,708	\$2,260,000	\$32,260,000
52600006	77	526	Kowloon Bay	4192	4	2 ensuite	\$105,000,000	\$25,048	\$10,510,000	\$115,510,000
50400004	78	504	Repulse Bay	1600	3	1 ensuite	\$21,000,000	\$13,125	\$1,585,000	\$22,585,000
52600014	79	526	Kowloon Bay	1620	3	1 ensuite	\$18,000,000	\$11,111	\$1,360,000	\$19,360,000
52600008	81	526	Kowloon Bay	1600	3	1 ensuite	\$38,000,000	\$23,750	\$2,860,000	\$40,860,000
50400002	127	504	Repulse Bay	595	1		\$4,400,000	\$7,395	\$340,000	\$4,740,000
52600015	83	526	Kowloon Bay	2000	3	1 ensuite	\$25,000,000	\$12,500	\$1,885,000	\$26,885,000
52600010	84	526	Kowloon Bay	567	2		\$4,500,000	\$7,937	\$347,500	\$4,847,500
51400001	85	514	Stanley	1000	1		\$12,000,000	\$12,000	\$910,000	\$12,910,000
51800001	86	518	Tai Tam	1700	3	1 ensuite	\$39,000,000	\$22,941	\$2,935,000	\$41,935,000
50700002	88	507	Shau Kei Wan	1590	3	1 ensuite	\$17,000,000	\$10,692	\$1,285,000	\$18,285,000
47600004	89	476	Aberdeen	1590	3	1 ensuite	\$18,000,000	\$11,321	\$1,360,000	\$19,360,000
52000002	126	520	The Peak	1700	3	1 ensuite	\$18,500,000	\$10,882	\$1,397,500	\$19,897,500
52300002	91	523	Kennedy Town	608	1		\$4,700,000	\$7,730	\$362,500	\$5,062,500
48000002	92	480	Chai Wan	2790	4	2 ensuite	\$81,460,000	\$29,197	\$6,119,500	\$87,579,500
52700001	94	527	Kowloon City	1762	3	1 ensuite	\$28,000,000	\$15,891	\$2,110,000	\$30,110,000
53200002	120	532	Cheung Sha Wan	780	2		\$7,200,000	\$9,231	\$550,000	\$7,750,000
54200002	96	542	Tai Po	780	1		\$8,500,000	\$10,897	\$647,500	\$9,147,500

Y:\Operations\Document_Production\Documents\Mark Schemes\Winter 2012\IGCSE\0417_w12_ms_3.docx

Page 10	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

51400002	97	514	Stanley	571	2		\$4,800,000	\$8,406	\$370,000	\$5,170,000
51800002	98	518	Tai Tam	581	1		\$6,500,000	\$11,188	\$497,500	\$6,997,500
54500001	99	545	Tin Shui Wai	1700	3	1 ensuite	\$25,000,000	\$14,706	\$1,885,000	\$26,885,000
54300001	101	543	Tseung Kwan O	682	1		\$8,000,000	\$11,730	\$610,000	\$8,610,000
51300002	102	513	Siu Sai Wan	3174	4	2 ensuite	\$17,000,000	\$5,356	\$1,285,000	\$18,285,000
54500002	103	545	Tin Shui Wai	571	2		\$5,000,000	\$8,757	\$385,000	\$5,385,000
54400002	104	544	Yeun Lung Tau	5234	5	3 ensuite	\$180,000,000	\$34,391	\$18,010,000	\$198,010,000
51900002	105	519	Taikoo Shing	2877	3	1 ensuite	\$61,000,000	\$21,203	\$4,585,000	\$65,585,000
52000001	107	520	The Peak	1787	3	1 ensuite	\$30,000,000	\$16,788	\$2,260,000	\$32,260,000
53300001	108	533	Waterloo Road	604	2		\$5,400,000	\$8,940	\$415,000	\$5,815,000
52800001	109	528	Kowloon Tong	1580	3	1 ensuite	\$57,000,000	\$36,076	\$4,285,000	\$61,285,000
52100002	110	521	Wan Chai	4869	4	3 ensuite	\$278,000,000	\$57,096	\$27,810,000	\$305,810,000
48600002	111	486	Happy Valley	6400	6	6 ensuite, garden	\$950,000,000	\$148,438	\$95,010,000	\$1,045,010,000
48800005	112	488	Heng Fa Chuen	3649	4	2 ensuite	\$80,000,000	\$21,924	\$6,010,000	\$86,010,000
53000002	114	530	Hung Hom	3206	1	1 ensuite	\$85,000,000	\$26,513	\$6,385,000	\$91,385,000
52200001	115	522	Western	953	3	1 ensuite	\$5,500,000	\$5,771	\$422,500	\$5,922,500
47600001	116	476	Aberdeen	2700	3	2 ensuite	\$38,000,000	\$14,074	\$2,860,000	\$40,860,000
51900005	117	519	Taikoo Shing	2102	4	1 ensuite	\$17,700,000	\$8,421	\$1,337,500	\$19,037,500
50900002	118	509	Shek O	361	0	studio	\$3,300,000	\$9,141	\$175,000	\$3,475,000
50000002	119	500	Pokfulam	900	2	1 ensuite	\$10,800,000	\$12,000	\$820,000	\$11,620,000
52600011	121	526	Kowloon Bay	2790	4	2 ensuite	\$69,000,000	\$24,731	\$5,185,000	\$74,185,000
52600012	122	526	Kowloon Bay	2380	3	1 ensuite	\$69,000,000	\$28,992	\$5,185,000	\$74,185,000
52600013	123	526	Kowloon Bay	2790	4	2 ensuite	\$60,000,000	\$21,505	\$4,510,000	\$64,510,000
52400001	124	524	Wong Chuk Hang	1600	4	2 ensuite	\$79,880,000	\$49,925	\$6,001,000	\$85,881,000
52200002	125	522	Western	2390	3	1 ensuite	\$69,210,000	\$28,958	\$5,200,750	\$74,410,750
54400156	141	544	Yeun Lung Tau	2490	4	1 ensuite	\$70,000,000	\$28,112	\$5,260,000	\$75,260,000

Y:\Operations\Document_Production\Documents\Mark Schemes\Winter 2012\IGCSE\0417_w12_ms_3.docx

Page 11	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

								Total cost:	\$4,114,149,750
--	--	--	--	--	--	--	--	-------------	-----------------

Page 12	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Hidden Columns B, C, H, I and J 1 mark
Search Cost to customer < \$10,000,000 1 mark

				7	
Property	Location	Area (sq ft)	Beds	Features	Cost to customer
47300002	Cheung Chau	408	1	28th floor	\$2,687,500
48400001	Deep Water Bay	631	1		\$8,717,500
52300001	Kennedy Town	567	2		\$5,707,500
48800004	Heng Fa Chuen	1135	2		\$9,685,000
49700001	North Point	1020	3	2 ensuite	\$7,857,500
49500002	Midlevels West	567	2		\$5,707,500
47300002	Cheung Chau	1135	2		\$9,556,000
52800002	Kowloon Tong	768	2		\$9,147,500
54800001	Tai O	588	2		\$4,525,000
51100001	Sheung Wan	588	2		\$4,847,500
50400002	Repulse Bay	595	1		\$4,740,000
52600010	Kowloon Bay	567	2		\$4,847,500
52300002	Kennedy Town	608	1		\$5,062,500
53200002	Cheung Sha Wan	780	2		\$7,750,000
54200002	Tai Po	780	1		\$9,147,500
51400002	Stanley	571	2		\$5,170,000
51800002	Tai Tam	581	1		\$6,997,500
54300001	Tseung Kwan O	682	1		\$8,610,000
54500002	Tin Shui Wai	571	2		\$5,385,000
53300001	Waterloo Road	604	2		\$5,815,000
52200001	Western	953	3	1 ensuite	\$5,922,500
50900002	Shek O	361	0	studio	\$3,475,000

Page 13	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Search Print area	Contains Kowloon Columns A, B, D, E, H and I	2 marks 1 mark
	Row and column headings seen	1 mark
Sort	Descending on Price	1 mark

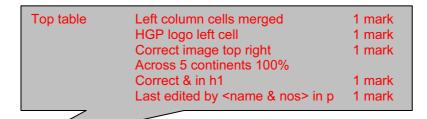
	Α	В	D	E	Н	I
1	Property	Customer	Location	Area (sq ft)	Price	Price / sq ft
15	52600006	77	Kowloon Bay	4192	\$105,000,000	\$25,048
16	52600012	122	Kowloon Bay	2380	\$69,000,000	\$28,992
17	52600011	121	Kowloon Bay	2790	\$69,000,000	\$24,731
29	52600013	123	Kowloon Bay	2790	\$60,000,000	\$21,505
30	52800001	109	Kowloon Tong	1580	\$57,000,000	\$36,076
31	52600008	81	Kowloon Bay	1600	\$38,000,000	\$23,750
32	52600005	76	Kowloon Bay	3892	\$30,000,000	\$7,708
34	52700001	94	Kowloon City	1762	\$28,000,000	\$15,891
35	52600003	73	Kowloon Bay	2687	\$28,000,000	\$10,421
37	52600015	83	Kowloon Bay	2000	\$25,000,000	\$12,500
38	52600014	79	Kowloon Bay	1620	\$18,000,000	\$11,111
46	52600004	75	Kowloon Bay	1595	\$17,000,000	\$10,658
59	52600002	57	Kowloon Bay	1520	\$13,500,000	\$8,882
69	52600001	59	Kowloon Bay	1250	\$11,800,000	\$9,440
70	52800002	129	Kowloon Tong	768	\$8,500,000	\$11,068
71	52600010	84	Kowloon Bay	567	\$4,500,000	\$7,937

Page 14	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

```
<html>
 <head>
    <TITLE>Hothouse-Global-Properties - November 2012</TITLE>
    <link rel=stylesheet type="text/css" href=N2style3.css>
 </head>
                                            N2Style3.css attached
                                 Stylesheet
                                                              1 mark
<body>
Top table
                                            Width 750
                                                              1 mark
                                            Cellpadding = 3
                                            & Cellspacing = 3
                                                              1 mark
                                            bgcolor=FF0000
                                                              1 mark
  <img src =N2HGP.PNG width=240 height = 250 alt="HGP
logo">
                                 N2HGP.PNG
                                            Width=240
                                                              1 mark
                                            Height=250
                                                              1 mark
   <img src=N2BANNER.PNG alt="Banner image">
 <h1>Across 5 continents</h1>
     Last edited by candidate name, Centre number, candidate number 
   Bottom table
                                            Width 750
                                                              1 mark
 Cellpadding = 3
& Cellspacing = 3
                                                              1 mark
<br>
                                            bgcolor="0000FF"
                                                              1 mark
<table width=750 align=center id=bottom cellpadding=3 cellspacing=3 bgcolor=0000FF
border=1>
   <a href=N2PAGE3.HTM target= belgium><img src=N2BUTTON1.PNG alt="Belgian"
flaq"></a>
                    Hyperlink
                               From top left image
                                                  1 mark
                                To open N2PAGE3.HTM
                                                  1 mark
                               Target = _belgium
                                                  1 mark
   <img src = N2STAR.PNG alt="Star property
image">
 <img src=N2BUTTON3.PNG alt="Brazil flag">
 <img src=N2BUTTON9.PNG alt="Bulgaria flag">
   <img src=N2IMG3.JPG align=center alt="house image">
   <l
                                Bulleted list
     built 1945
                                Single on each element
                                                             1 mark
     5 bedrooms
                                Single  directly before  & 
     renovated
                                directly after garden
                                                             1 mark
     conservatory
     garden
```

Page 15	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Page 16	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03







Both tables

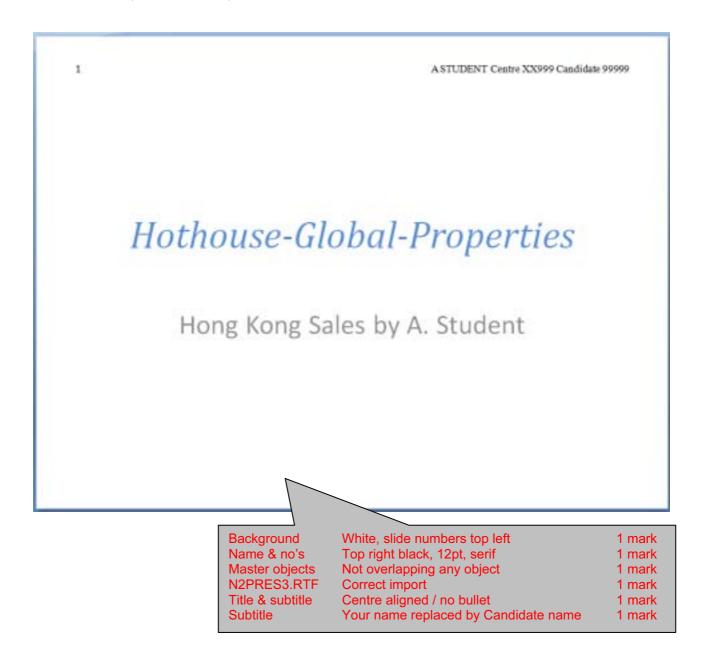
centre aligned in window

1 mark

Page 17	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03



Page 18	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03



Page 19	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

