

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.

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Candidate name, Centre number, Candidate number

- 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

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

<i>Property</i>	<i>Customer</i>	<i>Area code</i>	<i>Location</i>	<i>Area (sq ft)</i>	<i>Beds</i>	<i>Features</i>
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
52400003	51	524	=VLOOKUP(C10,N2LOCATION.CSV!\$A\$2:\$B\$55,2, FALSE)	4754	5	Parking, 2 ensuite

Footer Full filename & path in centre 1 mark

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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
50000001	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	

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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

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

<i>Price</i>	<i>Price / sq ft</i>	<i>Sales commission</i>	<i>Cost to customer</i>
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<4000,H3*0.075,H3*0.1)))	=H3+J3
5300000	=H4/E4	=10000+(IF(E4<=500,H4*0.05,IF(E4<4000,H4*0.075,H4*0.1)))	=H4+J4
24000000	=H5/E5	=10000+(IF(E5<=500,H5*0.05,IF(E5<4000,H5*0.075,H5*0.1)))	=H5+J5
23000000	=H6/E6	=10000+(IF(E6<=500,H6*0.05,IF(E6<4000,H6*0.075,H6*0.1)))	=H6+J6
17000000	=H7/E7	=10000+(IF(E7<=500,H7*0.05,IF(E7<4000,H7*0.075,H7*0.1)))	=H7+J7
9000000	=H8/E8	=10000+(IF(E8<=500,H8*0.05,IF(E8<4000,H8*0.075,H8*0.1)))	=H8+J8
17000000	=H9/E9	=10000+(IF(E9<=500,H9*0.05,IF(E9<4000,H9*0.075,H9*0.1)))	=H9+J9
300000000	=H10/E10	=10000+(IF(E10<=500,H10*0.05,IF(E10<4000,H10*0.075,H10*0.1)))	=H10+J10
298000000	=H11/E11	=10000+(IF(E11<=500,H11*0.05,IF(E11<4000,H11*0.075,H11*0.1)))	=H11+J11
7300000	=H12/E12	=10000+(IF(E12<=500,H12*0.05,IF(E12<4000,H12*0.075,H12*0.1)))	=H12+J12
5300000	=H13/E13	=10000+(IF(E13<=500,H13*0.05,IF(E13<4000,H13*0.075,H13*0.1)))	=H13+J13
8880000	=H14/E14	=10000+(IF(E14<=500,H14*0.05,IF(E14<4000,H14*0.075,H14*0.1)))	=H14+J14
13500000	=H15/E15	=10000+(IF(E15<=500,H15*0.05,IF(E15<4000,H15*0.075,H15*0.1)))	=H15+J15
8500000	=H16/E16	=10000+(IF(E16<=500,H16*0.05,IF(E16<4000,H16*0.075,H16*0.1)))	=H16+J16
11800000	=H17/E17	=10000+(IF(E17<=500,H17*0.05,IF(E17<4000,H17*0.075,H17*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)))	=H22+J22
16500000	=H23/E23	=10000+(IF(E23<=500,H23*0.05,IF(E23<4000,H23*0.075,H23*0.1)))	=H23+J23

Sales comm 10000+ 1 mark
 Nested IF- 2 tiers 1 mark
 If E2<=500 1 mark
 Then H2* 1 mark
 0.05 (5% calc) 1 mark
 If E2<4000 1 mark
 Then H2* 1 mark
 0.075 (7.5% calc) 1 mark
 Else H2*0.1 1 mark
 OR 1 mark
 If E2>=4000 1 mark
 H2* 1 mark
 0.1 (10% calc) 1 mark
 If E2>500 1 mark
 Then H2* 1 mark
 0.075 (7.5% calc) 1 mark
 Else H2*0.05 1 mark

Cost to customer H2 + J2 1 mark

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

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6500000	=H50/E50	=10000+(IF(E50<=500,H50*0.05,IF(E50<4000,H50*0.075,H50*0.1)))	=H50+J50
25000000	=H51/E51	=10000+(IF(E51<=500,H51*0.05,IF(E51<4000,H51*0.075,H51*0.1)))	=H51+J51
8000000	=H52/E52	=10000+(IF(E52<=500,H52*0.05,IF(E52<4000,H52*0.075,H52*0.1)))	=H52+J52
17000000	=H53/E53	=10000+(IF(E53<=500,H53*0.05,IF(E53<4000,H53*0.075,H53*0.1)))	=H53+J53
5000000	=H54/E54	=10000+(IF(E54<=500,H54*0.05,IF(E54<4000,H54*0.075,H54*0.1)))	=H54+J54
180000000	=H55/E55	=10000+(IF(E55<=500,H55*0.05,IF(E55<4000,H55*0.075,H55*0.1)))	=H55+J55
61000000	=H56/E56	=10000+(IF(E56<=500,H56*0.05,IF(E56<4000,H56*0.075,H56*0.1)))	=H56+J56
30000000	=H57/E57	=10000+(IF(E57<=500,H57*0.05,IF(E57<4000,H57*0.075,H57*0.1)))	=H57+J57
5400000	=H58/E58	=10000+(IF(E58<=500,H58*0.05,IF(E58<4000,H58*0.075,H58*0.1)))	=H58+J58
57000000	=H59/E59	=10000+(IF(E59<=500,H59*0.05,IF(E59<4000,H59*0.075,H59*0.1)))	=H59+J59
278000000	=H60/E60	=10000+(IF(E60<=500,H60*0.05,IF(E60<4000,H60*0.075,H60*0.1)))	=H60+J60
950000000	=H61/E61	=10000+(IF(E61<=500,H61*0.05,IF(E61<4000,H61*0.075,H61*0.1)))	=H61+J61
80000000	=H62/E62	=10000+(IF(E62<=500,H62*0.05,IF(E62<4000,H62*0.075,H62*0.1)))	=H62+J62
85000000	=H63/E63	=10000+(IF(E63<=500,H63*0.05,IF(E63<4000,H63*0.075,H63*0.1)))	=H63+J63
5500000	=H64/E64	=10000+(IF(E64<=500,H64*0.05,IF(E64<4000,H64*0.075,H64*0.1)))	=H64+J64
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+J70
60000000	=H71/E71	=10000+(IF(E71<=500,H71*0.05,IF(E71<4000,H71*0.075,H71*0.1)))	=H71+J71
79880000	=H72/E72	=10000+(IF(E72<=500,H72*0.05,IF(E72<4000,H72*0.075,H72*0.1)))	=H72+J72
69210000	=H73/E73	=10000+(IF(E73<=500,H73*0.05,IF(E73<4000,H73*0.075,H73*0.1)))	=H73+J73
70000000	=H74/E74	=10000+(IF(E74<=500,H74*0.05,IF(E74<4000,H74*0.075,H74*0.1)))	=H74+J74
		Total cost:	=SUM(K2:K74)

Total cost: SUM(K2:K74) 1 mark

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© Cambridge Internat

Replication	4 formulae	1 mark
Labels & Formula	Fully visible	1 mark
Orientation	Landscape	1 mark
Print area	2 pages wide	1 mark

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

Candidate name, Centre number, Candidate number

Columns H I J K	Dollars 0 dp	1 mark
Row 1	Centre aligned, bold & Italic	1 mark
Print area	1 page wide	1 mark

<i>Property</i>	<i>Customer</i>	<i>Area code</i>	<i>Location</i>	<i>Area (sq ft)</i>	<i>Beds</i>	<i>Features</i>	<i>Price</i>	<i>Price / sq ft</i>	<i>Sales commission</i>	<i>Cost to customer</i>
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
49300001	128	493	Midlevels East	1787	3	1 ensuite	\$16,500,000	\$9,233	\$1,247,500	\$17,747,500

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

Candidate name, Centre number, Candidate number

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
50000001	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
51400002	97	514	Stanley	571	2		\$4,800,000	\$8,406	\$370,000	\$5,170,000

Page 10	Mark Scheme				Syllabus	Paper
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Candidate name, Centre number, Candidate number

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

Page 11	Mark Scheme	Syllabus	Paper
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Candidate name, Centre number, Candidate number

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

<i>Property</i>	<i>Location</i>	<i>Area (sq ft)</i>	<i>Beds</i>	<i>Features</i>	<i>Cost to customer</i>
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 12	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Candidate name, Centre number, Candidate number

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

	A	B	D	E	H	I
1	<i>Property</i>	<i>Customer</i>	<i>Location</i>	<i>Area (sq ft)</i>	<i>Price</i>	<i>Price / sq ft</i>
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 13	Mark Scheme	Syllabus	Paper
	IGCSE – October/November 2012	0417	03

Candidate name, Centre number, Candidate number

```

<html>
  <head>
    <TITLE>Hothouse-Global-Properties - November 2012</TITLE>
    <link rel=stylesheet type="text/css" href=N2style3.css>
  </head>
  <body>
    <table width=750 align=center id=top cellpadding=3 cellspacing=3 bgcolor=FF0000>
      <tr align=center valign=top>
        <td rowspan = 2> <img src =N2HGP.PNG width=240 height = 250 alt="HGP
        logo"></td>
        <td> <img src=N2BANNER.PNG alt="Banner image"></td>
      </tr>
      <tr>
        <td>
          <h1>Across 5 continents</h1>
          <p>Last edited by candidate name, Centre number, candidate number </p>
        </td>
      </tr>
    </table>
    <br>
    <table width=750 align=center id=bottom cellpadding=3 cellspacing=3 bgcolor=0000FF
    border=1>
      <tr>
        <td><a href=N2PAGE3.HTM target=_belgium><img src=N2BUTTON1.PNG alt="Belgian
        flag"></a></td>
        <td rowspan = 2 colspan=2><img src = N2STAR.PNG alt="Star property
        image"></td>
      </tr>
      <tr>
        <td><img src=N2BUTTON3.PNG alt="Brazil flag"></td>
      </tr>
      <tr>
        <td><img src=N2BUTTON9.PNG alt="Bulgaria flag"></td>
        <td rowspan = 3><img src=N2IMG3.JPG align=center alt="house image"></td>
        <td rowspan = 3>
          <ul>
            <li>built 1945
            <li>5 bedrooms
            <li>renovated
            <li>conservatory
            <li>garden
          </ul>
        </td>
      </tr>
    </table>
  </body>
</html>

```

Stylesheet **N2Style3.css attached** **1 mark**

Top table **Width 750** **1 mark**
Cellpadding = 3
& Cellspacing = 3 **1 mark**
bgcolor=FF0000 **1 mark**

N2HGP.PNG **Width=240** **1 mark**
Height=250 **1 mark**

Bottom table **Width 750** **1 mark**
Cellpadding = 3
& Cellspacing = 3 **1 mark**
bgcolor="0000FF" **1 mark**

Hyperlink **From top left image** **1 mark**
To open N2PAGE3.HTM **1 mark**
Target = _belgium **1 mark**

Bulleted list
Single on each element **1 mark**
**Single directly before & **
directly after garden **1 mark**

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

Candidate name, Centre number, Candidate number

```
<td><img src=N2BUTTON6.PNG alt="Thailand flag"></td>
<tr>
  <td><img src=N2BUTTON5.PNG alt="Yemen flag"></td>

</tr>
<tr>
  <td colspan=3><img src=N2FOOTER.PNG alt="Footer image"></td>
</tr>
</table>
</body>
</html>
```

Page 15	Mark Scheme	Syllabus	Paper
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Candidate name, Centre number, Candidate number

Top table	Left column cells merged	1 mark
	HGP logo left cell	1 mark
	Correct image top right	1 mark
	Across 5 continents 100%	
	Correct & in h1	1 mark
	Last edited by <name & nos> in p	1 mark



Top and bottom tables separated 1 mark

Both tables centre aligned in window 1 mark

Page 16	Mark Scheme	Syllabus	Paper
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Candidate name, Centre number, Candidate number

Bottom table	From N2BOTTOM3.HTM	1 mark
	Star property image correct	1 mark
	Correct buttons	5 marks
	Correct House image	1 mark
	Bulleted list – correct cell & check text entry 100%	1 mark
	Footer image correct	1 mark

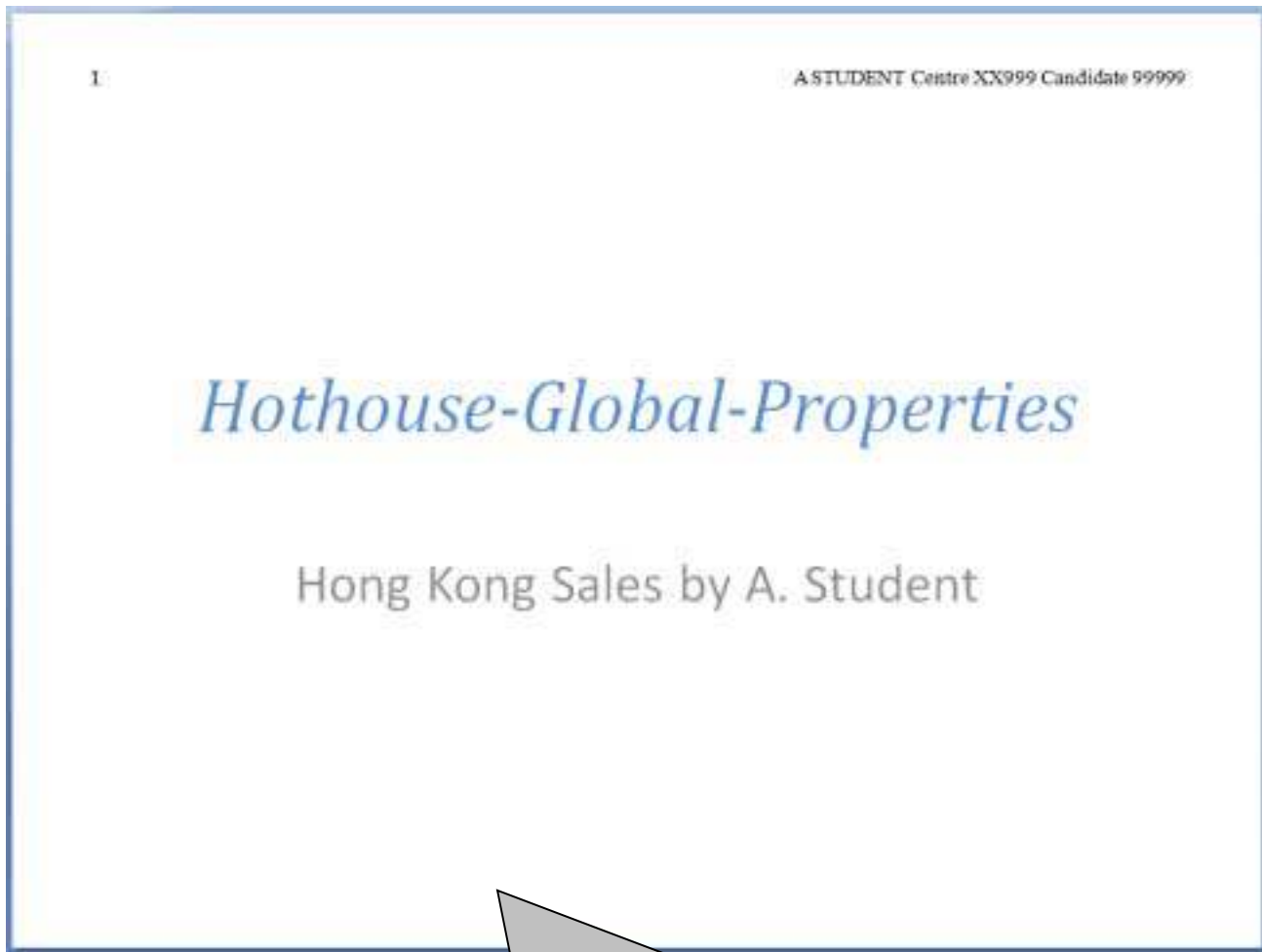
The screenshot shows a web page with a red header containing a fire, a globe, and a house icon. Below the header is a blue navigation bar with five buttons: "Click [Belgium flag] here", "Click [Brazil flag] here", "Click [Hungary flag] here", "Click [Thailand flag] here", and "Click [Ukraine flag] here". The main content area features a large grey box with the text "Star Property" and a photograph of a two-story brick house. To the right of the house is a bulleted list:

- 4 bed 2 bath
- 2 car garage
- new kitchen
- conservatory
- garden

At the bottom, a grey box contains the text "Hothouse-Global-Properties for sizzling deals...". A callout box from the top right points to the "Star Property" text.

Page 17	Mark Scheme	Syllabus	Paper
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Candidate name, Centre number, Candidate number



Background	White, slide numbers top left	1 mark
Name & no's	Top right black, 12pt, serif	1 mark
Master objects	Not overlapping any object	1 mark
N2PRES3.RTF	Correct import	1 mark
Title & subtitle	Centre aligned / no bullet	1 mark
Subtitle	Your name replaced by Candidate name	1 mark

Candidate name, Centre number, Candidate number



Subtitle	Bullet removed	1 mark
Chart	Left of slide 2 below subtitle	1 mark
	Vertical bar chart	1 mark
	Correct cat axis labels	1 mark
	Correct series used	1 mark
	Correct values	1 mark
Clip art	House/flat placed to right of chart	1 mark