CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2013 series

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/31 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 May/June 2013 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.



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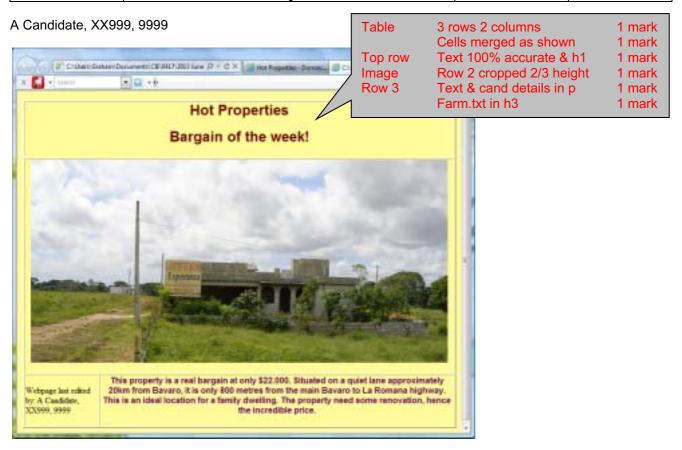
```
<html>
 <head>
    <title>Hot Properties - Dominican Republic</title>
    <link rel="stylesheet" type="text/css" href="myst19999.css">
                                       Stylesheet attached
                                                                     1 mark
                                       Not absolute file path
                                                                     1 mark
 <body>
   Last edited by A. Candidate, XX999,
                                         9999
   border = "2"
                                                                     1 mark
                                       Table
                                                 cell padding = "10"
                                                                     1 mark
     \langle t r \rangle
        <h1>Hot Properties</h1><h1>Dominican Republic special
         offers</h1>
     <h2>This week only! We have special offers on the
         following small properties in and around Bavaro, Punta Cana. These
         include small family homes as well as a number of small business
         opportunities. How about these special offers? All prices are in US
         dollars.</h2>
     </t.r>
     \langle tr \rangle
       <h3>Small house</h3>
           <h3>Bavaro centre</h3>
           <h3>Offer price $20.000</h3>
       <h3>Garage business</h3>
           <h3>16km from Bavaro</h3>
           <h3>Offer price $16.000</h3>
       <h3>Small farm - needs some work</h3>
           <h3>20km from Bavaro</h3>
           <h3>Offer price $22.000</h3>
       <h3>Butchers business</h3>
           <h3>4km from Bavaro</h3>
           <h3>Offer price $14.000</h3></t
                                           Hyperlink
                                                     Image J1331-8 set as link
                                                                           1 mark
     To open farm.htm
                                                                           1 mark
                                                     In target window farm
                                                                           1 mark
       <h3><imq src="J1331-4.jpg" widt
       <ing src="J1331-1.jpg" width="180"><h3><a href="farm.htm" target="_farm"><img src="J1331-8.jpg"</td>
         width="180"></a></h3>
       <h3><img src="J1331-6.jpg" width="180"></h3>
     Width = "180"
                                                                             1 mark
                                             Images
                                                      Aspect ratio & all 4 images
                                                                            1 mark
     If these offers do not meet your needs contact us with
        your specific requirements. We believe we can find the property to meet
        your needs in this area.
     \langle t.r \rangle
       <br>To contact us use the links from the homepage, ring
         us on 09780 0001001 or e-mail our <a href=
         "mailto:HotPropSales@cie.org.uk?subject=Property%20enquiry">
       Sales Team</a>
     Mailto
                                                       "Mailto:
                                                                              1 mark
   Anchor Sales Team
                                                                              1 mark
 </body>
                                                       HotPropSales@cie.org.uk
                                                                              1 mark
</html>
                                                       ?subject=
                                                                              1 mark
                                                       Property%20enquiry"
                                                                              1 mark
```

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Page 4	Mark Scheme	Syllabus	Paper	
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```
Stylesheet attached & not absolute file path
                                                                     1 mark
<html>
                                     Table
                                             border="2"
                                                                     1 mark
 <head>
   <link rel="stylesheet" type="text/css" hr myst19999.css">
 </head>
 <body>
    <h1>Hot Properties</h1><h1>Bargain of the
week!</h1>
     "2"><h3><img src="farm.png"></h3>
     Webpage last edited by: A Candidate, XX999, 9999
      <h3>This property is a real bargain at only $22.000. Situated on a
quiet lane approximately 20km from Bavaro, it is only 800 metres from the main
Bavaro to La Romana highway. This is an ideal location for a family dwelling. The
property need some renovation, hence the incredible price.</h3>
     </body>
</html>
```

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Evidence document – Changed from:

```
{ color: reddish; font-family:
Arial; font-size: massive; text-align:
centre }
     { color: reddish; font-family:
Arial; font-size: biggish; text-align:
      { color: purple; font-family:
Arial; font-size: normal; text-align:
centre }
     { color: dark; font-family:
serif; font-size: normal; text-align:
left; font-style: italicised; list-
style-type: disc }
     { color: pinky; font-family:
serif; font-size: normal; text-align:
left }
body { background-colour: pale beige
```

```
Stylesheet printed as screenshot
Filename
              'mystl' & cand number
                                          1 mark
h1 & h2
              #660000
                                          1 mark
color
font-family
                                          1 mark
              , sans-serif
h1
font-size
              20pt
                                         1 mark
              center (US spelling)
text-align
                                         1 mark
h2
font-size
              15pt
                                         1 mark
                                         1 mark
text-align
              left
h3
color
              #6600CC
                                         1 mark
font-family
                                          1 mark
              , sans-serif
              center (US spelling)
                                         1 mark
text-align
h3 & li & p
font-size
              12pt
                                         1 mark
```

Screenshot showing Filename

```
h1
       { color: #660000; font-family:
align: center }
      { color: #<mark>660000</mark>; font-family,
align: left }
      { color: #<mark>6600CC</mark>; font-fami]
h3
align: center }
```

```
rial<mark>, sans-serif</mark>; font-size: <mark>15pt</mark>; text-
                                                                    : Arial, sans-serif; font-size: 12pt; text-
li { color: #000000; font-family: "Times New Roman", serif; font-size: 12pt; text-align: left; font-style: italic; list-style-type: disc }
p { color: #000000; font-family: "Times New Roman", serif; font-size: 12pt;
```

1<mark>, sans-serif</mark>; font-size: <mark>20pt</mark>; text-

text-align: left } { background-color: #FFFC99 }

```
li & p
             #000000
                                        1 mark
color
              "Times New Roman"
font-family
                                        1 mark
             speech marks
                                        1 mark
font-style
             italic
                                        1 mark
body
background-color
              Changed from colour
                                        1 mark
              #FFFC99
                                        1 mark
```

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	А	В	С	D	E		F	G	Н
1								В	avaro Office
2	Property number	Price	Income	Distance	Viewing cost		Times viewed	Advertising cost	Profit
3	1013	26300	=100+(2.5%*B3)	0	=IF(D3<5,2,IF(D3>=1	5,10,5))	1	35	=C3-(E3*F3)-G3
4	1014	28900	=100+(2.5%*B4)	27	=IF(D4<5,2,IF(D4>=/	5,10,5))	1	35	=/4-(E4*F4)-G4
5	1015	13600	=100+(2.5%*B5)	2	=IF(D5<5,2,IF(D5	5,10,5))	1	20	C5-(E5*F5)-G5
6	1016	1649	=100+(2.5%*B6)	8	=IF(D6<5,2,IF(F	,10,5))	4	20	C6-(E6*F6)-G6
7	1017	1/	=100+(2.5%*B7)	11	=IF(D7<5,2,1	,10,5))	1	20	=C7-(E7*F7)-G7
8	1019	/ <u>/</u>	=100+(2.5%*B8)	8	=IF(D8<5/	,10,5))	1	20	=C8-(E8*F8)-G8
9	1020	<u>/60</u>	=100+(2.5%*B9)	14	=IF(D9	,10,5))	3	20	=C9-(E9*F9)-G9
10	1021	400	=100+(2.5%*B10)	20	IE/ID	15 10 5)\	5	35 1	(E10*F10)-G10
Income	9 100+	1 mark	Viewing cost	sted IF (2 or	3 tions)	1 mark	Profit	3 1 r	mark -(E11*F11)-G11
	0.025*B3	1 mark		D3<5	o liers)	1 mark			nark -(E12*F12)-G12
15	1025	17600		turns 2		1 mark	-(G3 1 r	nark -(E13*F13)-G13
14	1027	24900		D3 >=5 AND	<15	1 mark	0	35	=C14-(E14*F14)-G14
15	1028	22000		turns 5 D3 >=15		1 mark 1 mark	4	35	=C15-(E15*F15)-G15
16	1029	20100		turns 10		1 mark	3	35	=C16-(E16*F16)-G16
17	1030	14400	=100+(2.5%*B17)	17	=IF(D17<5,2,IF(D17>	=15,10,5))	0	20	=C17-(E17*F17)-G17
18	1031	19800	=100+(2.5%*B18)	0	=IF(D18<5,2,IF(D18>	=15,10,5))	0	20	=C18-(E18*F18)-G18
19	1032	22500	=100+(2.5%*B19)	6	=IF(D19<5,2,IF(D19>	=15,10,5))	1	35	=C19-(E19*F19)-G19
20	1033	27000	=100+(2.5%*B20)	2	=IF(D20<5,2,IF(D20>	=15,10,5))	0	35	=C20-(E20*F20)-G20
21	1034	26700	=100+(2.5%*B21)	6	=IF(D21<5,2,IF(D21>	=15,10,5))	0	35	=C21-(E21*F21)-G21
22	1037	13900	=100+(2.5%*B22)	17	=IF(D22<5,2,IF(D22>	=15,10,5))	4	20	=C22-(E22*F22)-G22
23	1038	12000	=100+(2.5%*B23)	24	=IF(D23<5,2,IF(D23>	=15,10,5))	2	20	=C23-(E23*F23)-G23
24	1039	13800	=100+(2.5%*B24)	4	=IF(D24<5,2,IF(D24>	=15,10,5))	4	20	=C24-(E24*F24)-G24
25	1040	17500	=100+(2.5%*B25)	5	=IF(D25<5,2,IF(D25>	=15,10,5))	0	20	=C25-(E25*F25)-G25
26	1041	14300	=100+(2.5%*B26)	14	=IF(D26<5,2,IF(D26>	=15,10,5))	0	20	=C26-(E26*F26)-G26
27	1042	17000	=100+(2.5%*B27)	1	=IF(D27<5,2,IF(D27>	=15,10,5))	2	20	=C27-(E27*F27)-G27

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28	1043	19300	=100+(2.5%*B28)	13	=IF(D28<5,2,IF(D28>=15,10,5))	2	20	=C28-(E28*F28)-G28
29	1045	13700	=100+(2.5%*B29)	30	=IF(D29<5,2,IF(D29>=15,10,5))	0	20	=C29-(E29*F29)-G29
30	1046	18700	=100+(2.5%*B30)	6	=IF(D30<5,2,IF(D30>=15,10,5))	2	20	=C30-(E30*F30)-G30
31	1047	13600	=100+(2.5%*B31)	0	=IF(D31<5,2,IF(D31>=15,10,5))	5	20	=C31-(E31*F31)-G31
32	1048	27500	=100+(2.5%*B32)	3	=IF(D32<5,2,IF(D32>=15,10,5))	1	40	=C32-(E32*F32)-G32
33	1050	13600	=100+(2.5%*B33)	7	=IF(D33<5,2,IF(D33>=15,10,5))	0	20	=C33-(E33*F33)-G33
34	1051	18500	=100+(2.5%*B34)	0	=IF(D34<5,2,IF(D34>=15,10,5))	3	20	=C34-(E34*F34)-G34
35	1052	14900	=100+(2.5%*B35)	0	=IF(D35<5,2,IF(D35>=15,10,5))	3	20	=C35-(E35*F35)-G35
36	1053	20000	=100+(2.5%*B36)	0	=IF(D36<5,2,IF(D36>=15,10,5))	0	35	=C36-(E36*F36)-G36
37	1054	16000	=100+(2.5%*B37)	16	=IF(D37<5,2,IF(D37>=15,10,5))	1	20	=C37-(E37*F37)-G37
38	1055	22000	=100+(2.5%*B38)	20	=IF(D38<5,2,IF(D38>=15,10,5))	0	35	=C38-(E38*F38)-G38
39	1056	14000	=100+(2.5%*B39)	4	=IF(D39<5,2,IF(D39>=15,10,5))	1	20	=C39-(E39*F39)-G39
40								
41							Total profit	=ROUND(SUM(H3:H39),0)

Row headingsvisible1 markColumn headingsvisible1 markReplicationAll formulae rows1 markOrientationLandscape & 1 page wide1 mark

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Header Left Name & numbers 1 mark Right Last revision on & date and time 1 mark

		4			Ва	avaro O	ffice
Property number	Price	Income	Distance	Viewing cost	Times viewed	Advertising cost	Profit
1013		\$757.50	0	\$2.00	1	\$35.00	\$720.50
Row 1	New row	incorted		1 mark	1	\$35.00	\$777.50
KOW I	Bavaro C			1 mark	1	\$20.00	\$418.00
		H1 merge	d	1 mark	4	\$20.00	\$470.00
	Black back White tex			1 mark	1	\$20.00	\$457.50
	18 point	(L		1 mark 1 mark	1	\$20.00	\$427.50
	Sans-ser	if font		1 mark	3	\$20.00	\$542.50
	Right alig	ıned		1 mark	5	\$35.00	\$625.00
1023	\$14,500.00	\$462.50	9	\$5.00	2	\$20.00	\$432.50
1024	\$27,200.00	\$780.00	29	\$10.00	2	\$35.00	\$725.00
1025	\$17,600.00	\$540.00	15	\$10.00	3	\$20.00	\$490.00
1027	\$24,900.00	\$722.50	1	\$2.00	0	\$35.00	\$687.50
1028	\$22,000.00	\$650.00	14	\$5.00	4	\$35.00	\$595.00
1029	\$20,100.00	\$602.50	6	\$5.00	3	\$35.00	\$552.50
1030	\$14,400.00	\$460.00	17	\$10.00	0	\$20.00	\$440.00
1031	\$19,800.00	\$595.00	0	\$2.00	0	\$20.00	\$575.00
1032	\$22,500.00	\$662.50	6	\$5.00	1	\$35.00	\$622.50
1033	\$27,000.00	\$775.00	2	\$2.00	0	\$35.00	\$740.00
1034	\$26,700.00	\$767.50	6	\$5.00	0	\$35.00	\$732.50
1037	\$13,900.00	\$447.50	17	\$10.00	4	\$20.00	\$387.50
1038	\$12,000.00	\$400.00	24	\$10.00	2	\$20.00	\$360.00
1039	\$13,800.00	\$445.00	4	\$2.00	4	\$20.00	\$417.00
1040	\$17.500.00	4527.50		<u> </u>		\$20.00	\$517.50
1041	Data ent			es 0, 16, 20, 4		sark \$20.00	\$437.50
1042	Formatti			B,C,E,G,H all ii blayed as \$ 0d;		nark \$20.00 park \$20.00	\$501.00
1043	Orientati	on Portr	ait		1 m	ark \$20.00	\$552.50
1045		Sing	le page wid	de, all visible	1 m	s20.00	\$422.50
1046	\$18,700.00		6	\$5.00	2	\$20.00	\$537.50
1047	\$13,600.00	\$44	0	\$2.00	5	\$20.00	\$410.00
1048	\$27,500.00	\$787.5	3	\$2.00	1	\$40.00	\$745.50
1050	\$13,600.00	\$440.00	7	\$5.00	0	\$20.00	\$420.00
1051	\$18,500.00	\$562.50	0	\$2.00	3	\$20.00	\$536.50
1052	\$14,900.00	\$472.50	0	\$2.00	3	\$20.00	\$446.50
1053	\$20,000.00	\$600.00	0	\$2.00	0	\$35.00	\$565.00
1054	\$16,000.00	\$500.00	16	\$10.00	1	\$20.00	\$470.00
1055	\$22,000.00	\$650.00	20	\$10.00	0	\$35.00	\$615.00
1056	\$14,000.00	\$450.00	4	\$2.00	1	\$20.00	\$428.00
						Total profit	\$19,801

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					Ba	avaro O	ffice
Property number	Price	Income	Distance	Viewing cost	Times viewed	Advertising cost	Profit
1013	\$26,300.00	\$757.50	0	\$2.00	1	\$35.00	\$720.50
1014	\$28,900.00	\$822.50	27	\$10.00	1	\$35.00	\$777.50
1015	\$13,600.00	\$440.00	2	\$2.00	1	\$20.00	\$418.00
1016	\$16,400.00	\$510.00	8	\$5.00	4	\$20.00	\$470.00
1017	\$15,300.00	\$482.50	11	\$5.00	1	\$20.00	\$457.50
1019	\$14,100.00	\$452.50	8	\$5.00	1	\$20.00	\$427.50
1020	\$19,100.00	\$577.50	14	\$5.00	3	\$20.00	\$542.50
1021	\$24,400.00	\$710.00	20	\$10.00	5	\$35.00	\$625.00
1023	\$14,500.00	\$462.50	9	\$5.00	2	\$20.00	\$432.50
1024	\$27,200.00	\$780.00	29	\$10.00	2	\$35.00	\$725.00
1025	\$17,600.00	\$540.00	15	\$10.00	3	\$20.00	\$490.00
1027	\$24,900.00	\$722.50	1	\$2.00	0	\$35.00	\$687.50
1028	\$22,000.00	\$650.00	14	\$5.00	4	\$35.00	\$595.00
1029	\$20,100.00	\$602.50	6	\$5.00	3	\$35.00	\$552.50
1030	\$14,400.00	\$460.00	17	\$10.00	0	\$20.00	\$440.00
1031	\$19,800.00	\$595.00	0	\$2.00	0	\$20.00	\$575.00
1032	\$22,500.00	\$662.50	6	\$5.00	1	\$35.00	\$622.50
1033	\$27,000.00	\$775.00	2	\$2.00	0	\$35.00	\$740.00
1034	\$26,700.00	\$767.50	6	\$5.00	0	\$35.00	\$732.50
1037	\$13,900.00	\$447.50	17	\$10.00	4	\$20.00	\$387.50
1038	\$12,000.00	\$400.00	24	\$10.00	2	\$20.00	\$360.00
1039	\$13,800.00	\$445.00	4	\$2.00	4	\$20.00	\$417.00
1040	\$17,500.00	\$537.50	5	\$5.00	0	\$20.00	\$517.50
1041	\$14,300.00	\$457.50	14	\$5.00	0	\$20.00	\$437.50
1042	\$17,000.00	\$525.00	1	\$2.00	2	\$20.00	\$501.00
1043	\$19,300.00	\$582.50	13	\$5.00	2	\$20.00	\$552.50
1045	\$13,700.00	\$442.50	30	\$10.00	0	\$20.00	\$422.50
1046	\$18,700.00	\$567.50	6	\$5.00	2	\$20.00	\$537.50
1047	\$13,600.00	\$440.00	0	\$2.00	5	\$20.00	\$410.00
1048	\$27,500.00	\$787.50	3	\$2.00	1	\$40.00	\$745.50
1050	\$13,600.00	\$440.00	7	\$5.00	0	\$20.00	\$420.00
1051	\$18,500.00	\$562.50	0	\$2.00	3	\$20.00	\$536.50
1052	\$14,900.00	\$472.50	0	\$2.00	3	\$20.00	\$446.50
1053	\$20,000.00	\$600.00	0	\$2.00	3	\$35.00	\$559.00
1054	\$16,000.00	\$500.00	16	\$10.00	1	\$20.00	\$470.00
1055	\$22,000.00	\$650.00	20	\$10.00	5	\$35.00	\$565.00
1056	\$14,000.00	\$450.00	4	\$2.00	1	\$20.00	\$428.00
NA e el e Uir	Detector	ngo-l		4	Orle		
Modelling	Data cha Total pro	ngea fit correct		1 m 1 m		Total profit	\$19,745

Bavaro Office

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Property number	Price	Income	Distance	Viewing cost	Times viewed	Advertising cost	Profit
1013	\$26,300.00	\$676.00	0	\$2.00	1	\$35.00	\$639.00
1014	\$28,900.00	\$728.00	27	\$10.00	1	\$35.00	\$683.00
1015	\$13,600.00	\$422.00	2	\$2.00	1	\$20.00	\$400.00
1016	\$16,400.00	\$478.00	8	\$5.00	4	\$20.00	\$438.00
1017	\$15,300.00	\$456.00	11	\$5.00	1	\$20.00	\$431.00
1019	\$14,100.00	\$432.00	8	\$5.00	1	\$20.00	\$407.00
1020	\$19,100.00	\$532.00	14	\$5.00	3	\$20.00	\$497.00
1021	\$24,400.00	\$638.00	20	\$10.00	5	\$35.00	\$553.00
1023	\$14,500.00	\$440.00	9	\$5.00	2	\$20.00	\$410.00
1024	\$27,200.00	\$694.00	29	\$10.00	2	\$35.00	\$639.00
1025	\$17,600.00	\$502.00	15	\$10.00	3	\$20.00	\$452.00
1027	\$24,900.00	\$648.00	1	\$2.00	0	\$35.00	\$613.00
1028	\$22,000.00	\$590.00	14	\$5.00	4	\$35.00	\$535.00
1029	\$20,100.00	\$552.00	6	\$5.00	3	\$35.00	\$502.00
1030	\$14,400.00	\$438.00	17	\$10.00	0	\$20.00	\$418.00
1031	\$19,800.00	\$546.00	0	\$2.00	0	\$20.00	\$526.00
1032	\$22,500.00	\$600.00	6	\$5.00	1	\$35.00	\$560.00
1033	\$27,000.00	\$690.00	2	\$2.00	0	\$35.00	\$655.00
1034	\$26,700.00	\$684.00	6	\$5.00	0	\$35.00	\$649.00
1037	\$13,900.00	\$428.00	17	\$10.00	4	\$20.00	\$368.00
1038	\$12,000.00	\$390.00	24	\$10.00	2	\$20.00	\$350.00
1039	\$13,800.00	\$426.00	4	\$2.00	4	\$20.00	\$398.00
1040	\$17,500.00	\$500.00	5	\$5.00	0	\$20.00	\$480.00
1041	\$14,300.00	\$436.00	14	\$5.00	0	\$20.00	\$416.00
1042	\$17,000.00	\$490.00	1	\$2.00	2	\$20.00	\$466.00
1043	\$19,300.00	\$536.00	13	\$5.00	2	\$20.00	\$506.00
1045	\$13,700.00	\$424.00	30	\$10.00	0	\$20.00	\$404.00
1046	\$18,700.00	\$524.00	6	\$5.00	2	\$20.00	\$494.00
1047	\$13,600.00	\$422.00	0	\$2.00	5	\$20.00	\$392.00
1048	\$27,500.00	\$700.00	3	\$2.00	1	\$40.00	\$658.00
1050	\$13,600.00	\$422.00	7	\$5.00	0	\$20.00	\$402.00
1051	\$18,500.00	\$520.00	0	\$2.00	3	\$20.00	\$494.00
1052	\$14,900.00	\$448.00	0	\$2.00	3	\$20.00	\$422.00
1053	\$20,000.00	\$550.00	0	\$2.00	3	\$35.00	\$509.00
1054	\$16,000.00	\$470.00	16	\$10.00	1	\$20.00	\$440.00
1055	\$22,000.00	\$590.00	20	\$10.00	5	\$35.00	\$505.00
1056	\$14,000.00	\$430.00	4	\$2.00	1	\$20.00	\$408.00
						Total profit	\$18,119

Modelling Model changed to give correct figure 2 marks