

# Mark Scheme (Results)

Summer 2015

International GCSE ICT (4IT0/02) Paper 2: Practical Paper



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## **General Marking Guidance**

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

	INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme		
Task		Marks AO	Grade
Activi	ty 1: Using Art/Imaging and Graphics Software (AG)		
AG1			
_	le logos		
Lxamp	HOTEL DHG 2000 DHG 2000		
(a) 1	Letters DHG and 2000 included in logo	1	
2	One appropriate image chosen from IMAGES folder – not a photograph or hobby horse	1	+
3	Graphic must be fit for purpose as a logo - image and text combined effectively (balance of sizes and colour, no distortion), image used must not be a photograph	1	
(b) 1 2	<ul> <li>Award one mark each up to a maximum of two for:</li> <li>Simple image</li> <li>Image can be resized without distortion</li> <li>Vector graphic rather than bitmap</li> <li>Explanation involving image subject being relevant to hotels</li> </ul>	2	
	Total for Task AG1	5	

Marks AO Grade

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme ANSWER

Task

AG2		
a) (i) 1 Some cropping attempted - image remains rectangular	1	
<ul> <li><sup>2</sup> Some cropping on both left and right as close to temple as possible.</li> <li>Accept cropping which keeps full temple on left with some trees or with some cropping of temple without tree</li> </ul>	1	
(ii) <sup>1</sup> Tourist standing in entrance no longer visible. Accept any form of smudging/deletion as long as tourist is not clear	1	
<sup>2</sup> Action to delete tourist results in a good clear image with no residual traces of the tourist	1	
<ul> <li><sup>a</sup> Award up to two marks for an explanation involving any of:         <ul> <li>Smaller image means a smaller file size</li> <li>Faster upload / download speed on web page</li> <li>Remove unnecessary parts of image/to delete distractions on the image</li> </ul> </li> </ul>	2	
	6	

Total for Activity 1: 11 marks

## INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme

Task

**ANSWER** 

Marks AO Grade

## Activity 2: Using Spreadsheet Software (SS)

	A	В	С	D	E	F	G	H I	J	K	
	1	DU	CANSVIL	LA HOTE	L GROU	- TRIP	TO HONG	KONG			
	2										
	3 Cost	£600									
	4										
	5 FIRSTNAME	E LASTNAME	AGE	JAN	FEB	MAR	APR	MAY			
	6 Karen	Anderssen	29	£150	£75	£75	£150	£100			
	7 Valerie	Anderssen	26	£100	£125	£100	£75	£100			
	8 Mackenzie	Andrewson	24	£125	£100	£75	£75	£100			
	9 Hayley	Annandale	28	£0	£0	£150	£150	£100			
	10 Paula	Aynsley	43	£75	£100	£150	£125	£100			
	11 Bartholomev	v Brown	30	£150	£75	£125	£125	£100			
	12 Rosemarie	Dann	21	£150	£100	£125	£125	£75			
	13 Sebastianne	Glass	48	£125	£100	£100	£75	£100			
-	14 Jake	Hammersley	45	£100	£75	£75	£100	£150			
-	15 Christopher	Hammersmith	28	£75	£75	£125	£100	£75			
-	16 Jacqueline	Harrington	42	£125	£150	£100	£100	£125			
-	17 Mohammed	Horton	42	£100	£150	£75	£75	£125			
	18 Annabelle	Sword	38	£150	£75	£150	£150	£75			
	19 Vince	Williams	43	£100	£75	£100	£100	£75			
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#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme ANSWER

Marks AO Grade

$ \begin{bmatrix} 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$				H	I	J	К			
$ \begin{bmatrix} 0 & 100 & = SUM(D6:H6) & = SB33-I6 & = IF(J6>=100, "Reminder", "Not needed") \\ \hline 7 & 100 & = SUM(D2:H7) & = SB33-I7 & = IF(J7>=100, "Reminder", "Not needed") \\ \hline 9 & 100 & = SUM(D2:H1) & = SB33-I1 & = IF(J1>00, "Reminder", "Not needed") \\ \hline 10 & 0 & = SUM(D1:H1) & = SB33-I1 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 11 & 100 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 12 & 75 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 14 & 150 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 15 & 75 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 16 & 125 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=00, "Reminder", "Not needed") \\ \hline 17 & 125 & = SUM(D1:H1) & = SB33-I13 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 18 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 19 & 75 & = SUM(D1:H1) & = SB33-I11 & = IF(J1>=100, "Reminder", "Not needed") \\ \hline 10 & 1 & mark for correct but inefficient formula using cell references for first employee eg = D6+E6+F6+G6+H6 \\ \hline 10 & 1 & Mard 2 marks for: correct but inefficient formula using cell references = SB3-I6 \\ Or & use of SUM with absolute cell references = SUM($B33-I6) or \\ = SUM(B33-I6) & I \\ \hline 10 & remulae in I6 and J6 replicated for other employees - column J must have absolute cell reference for B3 \\ \hline 10 & 1 & Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance" \\ \hline 10 & Award 2 marks for correct formula for any member of staff \\ Eg: & = IF(J6>=100, "Reminder", "Not needed") or \\ = IF(J6>100, "Not needed", "Reminder"$			4							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			5	MAY	TOTAL	BALANCE				
$ \begin{bmatrix} 0 & \frac{1}{2} \\ 0 & \frac{1}{2}$			6	100	=SUM(D6:H6)	=\$B\$3-I6	=IF(J6>=100,"Reminder","Not needed")			
$ \begin{array}{ c c c c c } \hline \begin{array}{ c c c c } & 100 & \pm SUM(D9:H9) & \pm SB33-I9 & \pm IF(J9>\pm 100, "Reminder", "Not needed") \\ \hline \begin{array}{ c c c c c c c c c c c c c c c c c c c$			7	100	=SUM(D7:H7)	=\$B\$3-I7	=IF(J7>=100,"Reminder","Not needed")			
$ \begin{bmatrix} 10 & 100 & =SUM(D10:H10) & =SB33-I10 & =IF(J10>=100, "Reminder", "Not needed") \\ 11 & 100 & =SUM(D11:H11) & =SB33-I11 & =IF(J11>=100, "Reminder", "Not needed") \\ 12 & T5 & =SUM(D12:H12) & =SB33-I13 & =IF(J13>=100, "Reminder", "Not needed") \\ 13 & 100 & =SUM(D13:H13) & =SB33-I13 & =IF(J13>=100, "Reminder", "Not needed") \\ 14 & I50 & =SUM(D16:H16) & =SB33-I16 & =IF(J12>=100, "Reminder", "Not needed") \\ 15 & T5 & =SUM(D16:H16) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 16 & 125 & =SUM(D16:H16) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 17 & 125 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 75 & =SUM(D19:H19) & =SB33-I17 & =IF(J12>=100, "Reminder", "Not needed") \\ 10 & 76 & mirst employee eg = D6+E6+F6+G6+H6 \\ (***) & 1 & mark for: \\ correct efficient formula (in J6) using absolute cell references = $B$3-I6 Or \\ use of SUM with absolute cell references = SUM($B$3-I6) or \\ =SUM(B$3-I6) & 1 & Formulae in I6 and J6 replicated for other employees - column J must have absolute cell reference for B3 \\ (***) & 1 & Suitable column headings entered in cells I5 and J5 eg "Total" and "Baance" Allow follow through if different columns used \\ 10 & 1 & IF(J6>=100, "Reminder", "Not needed") or \\ =IF(J6>=100, "Reminder", "Not needed") or \\ =IF(J6>=100, "Not needed", "Reminder") \\ Award 1 & mark for \\ =IF(J6>=100, "Not needed", "Reminder") \\ Award 1 & mark for \\ =IF(J6>=100, "Not needed", "Reminder") \\ Award 1 & mark for $			8	100	=SUM(D8:H8)	=\$B\$3-18	=IF(J8>=100,"Reminder","Not needed")			
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			9	100	=SUM(D9:H9)	=\$B\$3-I9	=IF(J9>=100,"Reminder","Not needed")			
$ \begin{bmatrix} 12 & 75 & = SUM(D12:H12) & = SBS3-I12 & = IF(J12>=100, "Reminder", "Not needed") \\ 13 & 100 & = SUM(D13:H13) & = SBS3-I13 & = IF(J13>=100, "Reminder", "Not needed") \\ 14 & 150 & = SUM(D15:H15) & = SBS3-I15 & = IF(J15>=100, "Reminder", "Not needed") \\ 15 & 75 & = SUM(D15:H16) & = SBS3-I16 & = IF(J15>=100, "Reminder", "Not needed") \\ 17 & 125 & = SUM(D13:H18) & = SBS3-I16 & = IF(J15>=100, "Reminder", "Not needed") \\ 18 & 75 & = SUM(D13:H18) & = SBS3-I18 & = IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & = SUM(D19:H19) & = SBS3-I19 & = IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & = SUM(D19:H19) & = SBS3-I19 & = IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & = SUM(D19:H19) & = SBS3-I19 & = IF(J15>=100, "Reminder", "Not needed") \\ 2 & Award 2 & marks for correct efficient formula using cell references for first employee.  = SUM(D6:H6)  Award 1 & mark for correct but inefficient formula using cell references = SUM(M(D6:H6)  Award 1 & mark for:  correct efficient formula (in J6) using absolute cell references = SB$-16  Or  use of SUM with absolute cell references = SUM($B$3-I6) or  = SUM(B$3- I6)  1 Formulae in I6 and J6 replicated for other employees – column J must  have absolute cell reference for B3  1 G  1 Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance"  Allow follow through if different columns used  2 \frac{1}{2} Award 2 marks for correct formula for any member of staffEg:= IF(J6>=100, "Reminder", "Not needed") or= IF(J6>=100, "Reminder", "Not needed") or= IF(J6>=100, "Not needed", "Reminder")Award 1 mark for= IF(J6>=100, "Not needed", "Reminder")Award 1 mark for= IF(J6<=100, Not needed", "Reminder")Award 1 mark for= IF(J6<=$			10	100	=SUM(D10:H10)	=\$B\$3-I10	=IF(J10>=100,"Reminder","Not needed")			
$\begin{bmatrix} 13 & 100 & =SUM(D13;H13) & =SBS3-I13 & =IF(J13>=100, "Reminder", "Not needed") \\ 14 & 150 & =SUM(D14;H14) & =SBS3-I14 & =IF(J14>=100, "Reminder", "Not needed") \\ 15 & 75 & =SUM(D15;H15) & =SBS3-I15 & =IF(J15>=100, "Reminder", "Not needed") \\ 17 & 125 & =SUM(D16;H16) & =SBS3-I16 & =IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D18;H18) & =SBS3-I18 & =IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19;H19) & =SBS3-I19 & =IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19;H19) & =SBS3-I19 & =IF(J15>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19;H19) & =SBS3-I19 & =IF(J15>=100, "Reminder", "Not needed") \\ 10 & 1 & Tark for correct efficient formula using cell references for first employee.  =SUM(D6:H6) Award 1 mark for correct but inefficient formula using cell references for first employee g = D6+E6+F6+G6+H6 Award 1 mark for:  correct efficient formula (in J6) using absolute cell references =SBS3-I6 Award 1 mark for:  correct but inefficient formula using relative cell references =B3-I6  Or  use of SUM with absolute cell references =SUM($B$3-I6) or  =SUM(B$3-I6)  formulae in I6 and J6 replicated for other employees - column J must  have absolute cell reference for B3 (v) 1 Suitable column headings entered in cells I5 and J5 eg "Total" and  "Balance"  Allow follow through if different columns used 1 Award 2 marks for correct formula for any member of staff  Eg;  =IF(J6>=100, "Reminder", "Not needed") or  =IF(J6>=100, "Reminder", "Not needed") or  =IF(J6<=100, "Not needed", "Reminder") Award 1 mark for  =IF(J6<=100, "Not needed", "Reminder") Award 1 ma$					=SUM(D11:H11)	=\$B\$3-I11	=IF(J11>=100,"Reminder","Not needed")			
$ \begin{bmatrix} 14 & 150 & =SUM(D14:H14) & =SB$3-114 & =IF(J14>=100,"Reminder","Not needed") \\ 15 & T5 & =SUM(D15:H15) & =SB$3-116 & =IF(J15>=100,"Reminder","Not needed") \\ 16 & 125 & =SUM(D16:H16) & =SB$3-116 & =IF(J15>=100,"Reminder","Not needed") \\ 17 & 125 & =SUM(D18:H18) & =SB$3-118 & =IF(J15>=100,"Reminder","Not needed") \\ 19 & 75 & =SUM(D18:H18) & =SB$3-118 & =IF(J15>=100,"Reminder","Not needed") \\ 19 & 75 & =SUM(D18:H18) & =SB$3-119 & =IF(J15>=100,"Reminder","Not needed") \\ 19 & 75 & =SUM(D18:H18) & =SB$3-119 & =IF(J15>=100,"Reminder","Not needed") \\ 10 & 75 & =SUM(D18:H18) & =SB$3-119 & =IF(J15>=100,"Reminder","Not needed") \\ 10 & 75 & =SUM(D18:H18) & =SB$3-119 & =IF(J15>=100,"Reminder","Not needed") \\ 10 & 75 & =SUM(D18:H18) & =SB$3-119 & =IF(J15>=100,"Reminder","Not needed") \\ 10 & Award 1 & mark for correct but inefficient formula using cell references for first employee.   =SUM(D6:H6)  Award 1 mark for correct but inefficient formula using cell references =SB$3-I6  for =B$3-16  Award 1 mark for:   correct efficient formula using relative cell references =B3-I6  Or   use of SUM with absolute cell references =SUM($B$3-I6) or   =SUM(B$3-16)   (iii) 1 Formulae in I6 and J6 replicated for other employees - column J must have absolute cell reference for B3   (iv) 1 Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance"   Allow follow through if different columns used   1 Award 2 marks for correct formula for any member of staff   Eg;   =IF(J6>=100,"Reminder", "Not needed") or   =IF(J6>=100,"Reminder", "Not needed") or   =IF(J6<=100,"Reminder", "Not needed") or   =IF(J6<=100,"Not needed", "Reminder")   Award 1 mark for   =IF(J6<=100,"Not needed", "Reminder")   Award 1 mark fo$										
$ \begin{bmatrix} 15 & 76 & =SUM(D15:H15) & =SB$3-H5 & =IF(J15>=100, "Reminder", "Not needed") \\ 16 & 125 & =SUM(D16:H16) & =SB$3-H16 & =IF(J16>=100, "Reminder", "Not needed") \\ 17 & 125 & =SUM(D17:H17) & =SB$3-H17 & =IF(J17>=100, "Reminder", "Not needed") \\ 18 & 76 & =SUM(D18:H18) & =SB$3-H18 & =IF(J18>=100, "Reminder", "Not needed") \\ 19 & 75 & =SUM(D19:H19) & =SB$3-H19 & =IF(J19>=100, "Reminder", "Not needed") \\ 2 & Award 2 marks for correct efficient formula using cell references for first employee.  =SUM(D6:H6)  Award 1 mark for correct but inefficient formula using cell references for first employee eg =D6+E6+F6+G6+H6 \\ Award 1 mark for:  correct efficient formula (in J6) using absolute cell references =$B$3-I6  Award 1 mark for:  correct but inefficient formula using relative cell references =B3-I6  Or  use of SUM with absolute cell references =SUM($B$3-I6) or  =SUM(B$3-I6) \\ \\ \hline 10  & 1 & Formulae in I6 and J6 replicated for other employees - column J must have absolute cell reference for B3 \\ \hline (10) & 1 & Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance"  Allow follow through if different columns used  Allow follow through if different columns used  \begin{bmatrix} 2 \\ 2 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 1$										
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$										
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$										
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$										
19       75       =SUM(D19:H19)       =\$B\$3-I19       =IF(J19>=100,"Reminder","Not needed")         (1)       1       Award 2 marks for correct efficient formula using cell references for first employee. <ul> <li>SUM(D6:H6)</li> <li>Award 1 mark for correct but inefficient formula using cell references for first employee eg =D6+E6+F6+G6+H6</li> <li>(11)</li> <li>1</li> <li>Award 2 marks for: correct efficient formula (in J6) using absolute cell references =\$B\$3-I6</li> <li>Award 1 mark for: correct but inefficient formula using relative cell references =B3-I6</li> <li>Or use of SUM with absolute cell references =SUM(\$B\$3-I6) or =SUM(B\$3-I6)</li> <li>Formulae in I6 and J6 replicated for other employees – column J must have absolute cell reference for B3</li> <li>(1)</li> <li>Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance" Allow follow through if different columns used</li> <li>Award 1 mark for eg: =IF(J6&gt;=100,"Reminder","Not needed") or =IF(J6&lt;=100,"Reminder", "Not needed") or =IF(J6&lt;=100,"Reminder", "Not needed") or =IF(J6&lt;=100,"Not needed", "Reminder")</li> <li>Award 1 mark for</li> <li>IF(J6&lt;=100,"Not needed", "Reminder")</li> </ul>										
(i)       1/2       Award 2 marks for correct efficient formula using cell references for first employee.       2       E/       D         (ii)       1/2       Award 1 mark for correct but inefficient formula using cell references for first employee eg =D6+E6+F6+G6+H6       D         (iii)       1/2       Award 2 marks for:       C       G/         (iii)       1/2       Award 2 marks for:       C       G/         (iii)       1/2       Award 1 mark for:       C       B         (iii)       1/2       Award 1 mark for:       C       G/         (iii)       1/2       Award 1 mark for:       C       B         (iii)       1/2       Award 1 mark for:       C       C         (iii)       1       G = SUM(\begin{tabular}{lllllllllllllllllllllllllllllllllll										
Image: Sum (D6:H6) Award 1 mark for correct but inefficient formula using cell references for first employee eg =D6+E6+F6+G6+H6DImage: Sum (D6:H6) Award 1 mark for: correct efficient formula (in J6) using absolute cell references =\$B\$3- I6 or =B\$3-I6 Award 1 mark for: correct but inefficient formula using relative cell references =B3-I6 Or use of SUM with absolute cell references =SUM(\$B\$3-I6) or =SUM(B\$3-I6)2Image: Grad base of SUM with absolute cell references =SUM(\$B\$3-I6) or =SUM(B\$3-I6)1Image: Sum (B\$3-I6)Formulae in I6 and J6 replicated for other employees - column J must have absolute cell reference for B31Image: Sum (B\$3-I6)Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance" Allow follow through if different columns used1Image: Sum (B\$100, "Reminder", "Not needed") or = IF(J6>=100, "Reminder", "Not needed") or = IF(J6<=100, "Not needed", "Reminder") Award 1 mark for = IF(J6<=100, "Not needed", "Reminder")			19	75	=SUM(D19:H19)	=\$B\$3-I19	=IF(J19>=100,"Reminder","Not needed")			
$ \begin{array}{ c c c c } = SUM(B\$3-I6) &   &   &   \\ \hline \  \  \  \  \  \  \  \  \  \  \  \  \$	(ii)	1 2	Awar corre I6 or Awar corre Or	d 2 marks ct efficient =B\$3-I6 d 1 mark f ct but inef	for: formula (in J for: ficient formula	l6) using a	absolute cell references =\$B\$3- elative cell references =B3-I6	2	-	
(iv)       1       Suitable column headings entered in cells I5 and J5 eg "Total" and "Balance" Allow follow through if different columns used       1       G         1       2       Award 2 marks for correct formula for any member of staff       2         1       2       Eg: =IF(J6>=100,"Reminder","Not needed") or =IF(J6<100,"Not needed", "Reminder") Award 1 mark for = IF(J6>=100,"Reminder","Not needed") or =IF(J6>=100,"Not needed", "Reminder")       1	(iii)	1	=SUN Form	<u>1(B\$3- I6)</u> ulae in I6	and J6 replica	ated for of		1	В	
Allow follow through if different columns used       2         Allow follow through if different columns used       2         Award 2 marks for correct formula for any member of staff       2         Eg:       =IF(J6>=100,"Reminder","Not needed") or         =IF(J6<100,"Not needed", "Reminder")	(iv )	1	Suita	ble columr			ells I5 and J5 eg "Total" and	1	G	
=IF(J6<100,"Not needed", "Reminder") Award 1 mark for = IF(J6>100,"Reminder","Not needed") or =IF(J6<=100,"Not needed", "Reminder")	)	Allow follow through if different columns used $\frac{1}{2}$ Award 2 marks for correct formula for any member of staffEg:								
=IF(J6<=100,"Not needed", "Reminder")			=IF(J Awar	6<100,"N d 1 mark f	ot needed", " or	Reminder	")			
	+	3	•					1	†	t

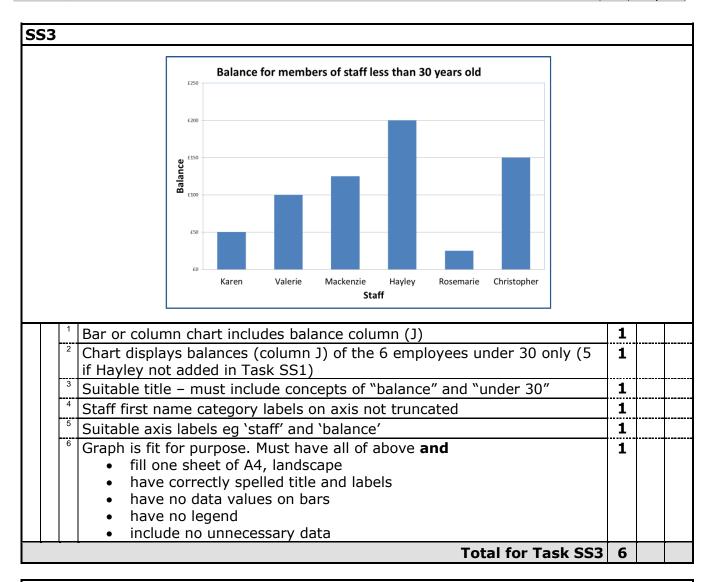
Task

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme

Task

ANSWER

Marks AO Grade



SS4			
(a) 1 2 Ex	<ul> <li>planation includes any two of:</li> <li>text is correctly spelled / capitalisation</li> <li>title and / or labels clarify purpose of chart</li> <li>all components of a suitable chart are present – title, axis labels and category labels</li> <li>no unnecessary data present</li> <li>no truncation / all text readable</li> <li>suitable scales</li> </ul>	2	
b) <sup>1</sup> Ex	planation includes concept of constant value / cell reference	1	
<sup>2</sup> Ex	planation includes concept of efficiency of replication	1	
	Total for Task SS4	4	

#### Total for Activity 2: 26 marks

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme

ANSWER

Marks AO Grade

#### Activity 3: Using Web Authoring Software (WA)

Task

Ά								
	Ducansvilla Hotel Group	l Group						
	Hong Kong Home London London Hong Kong	Home Chennai Hong Kong						
		London						
	Victoria Peak Shore Temple Big Ben							
a f 1 a V c s	totai Peak is the highest point in Mong Kong, It is     One of the oldest structural temples in Southern India is     London has so many exciting places to visit that it is difficult       scassible by one of the world's oldest and most and most anous     just a short drive from the hotel in the town of     to pick out one highlight. However, one of the most koins is       scale by one of the world's oldest and most anous     just a short drive from the hotel in the town of     to pick out one highlight. However, one of the most koins is       scale and most anous     and features three shrines to Hindu deties. Also in the     mistakeny think that Big Ben at the Houses of Parliament. Many people       attiment buildings that they look like leaning towers.     town are some magnificent carvings known as The Five     tis actually the name of the large bell inside. The Houses of       opping and entertainment facilities including many     years ago. In the town you can purchase examples of stone     Kingdom holds its meetings. There are tow chambers called       cellent restaurants.     carvings made by local students.     Houses of Larvings made by local students.     House of Commons and the House of Lords.							
	<sup>1</sup> Logo present on all webpages	1						
	<sup>2</sup> Company name on at least one web page	1						
	Allow DHG(2000) or Ducansvilla (Hotel group) ignore spelling	<u> </u>						
	<sup>3</sup> Indication of links to home page and the other tourist pages on at least	1						
	one web page	1						
	<ul> <li><sup>4</sup> Suitable page titles on all pages</li> <li>May or may not include sub-title</li> </ul>							
	<sup>5</sup> All appropriate text information on all pages	1						
	May or may not include sub-title / title							
	<sup>6</sup> Appropriate images on London and Hong Kong webpages	1						
	<sup>7</sup> Cropped image of Shore Temple on Chennai webpage	1						
	<sup>8</sup> Three pages produced with all appropriate content Ignore layout	1						
	<sup>1</sup> All pages have layout of items consistent with design	1						
	<sup>2</sup> Appropriate and consistent font styles and sizes used on all pages (min two pages)	1						
	<sup>3</sup> Appropriate and consistent image sizes on London and Hong Kong pages with no distortion or truncation.	1						
	<sup>4</sup> All pages have dark (blue) text on pale (yellow) background	1						
	<sup>5</sup> All text correct spelling and grammar	1						
	Total for Task WA1	13						
42	2							
(i)	<sup>1</sup> Formatting feature identified and where it was used. e.g. increased font size or emphasised text (bold) for headings							
(ii)	<sup>1</sup> Explanation of how formatting enhances the pages	1						
	<sup>1</sup> A link to a web page is identified	1						
	<sup>2</sup> Either only HONGKONG link present or HONGKONG link highlighted in	1						
	submitted code							
	minimum <a href="hongkong.htm"></a>							
	Total for Task WA2	4						

# INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme

Marks AO Grade

#### Task

ANSWER

**Total for Activity 3: 17 marks** 

Marks AO Grade

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme ANSWER

Page 11

Activity 4: Using Database Software (DB)

B1										
	_									
		D GENDER	TITLE	FSTNAME	LSTNAME	SUEST EMAIL	MOBILE	BIRTHDAY		
		8AA Male	++	MIKO	ADEYEMO	amiko.adeyemo@nomail.xl.cx	07700 900665			
	834	3NA Male 4JB Female		IOMIN-ERDENE	ARMSTRONG	nomin68@yopmail.com batsaikhanj@mega.zik.dj	07700 900474			
	332	-		ABBIE	BENNETT	abbiebenn@mega.zik.dj	07700 900434			
		1AB Male		NDREW	BENNETT	werdna@nospam.ze.tc	07700 900411			
		5MC Female 7AG Male		MAY AHMAD	CUTAMORA GHAURI	cutamoramay@speed.1s.fr ahmad74@cool.fr.nf	07700 900770			
		7AG Female		ALI	GRAY	aligray72@yopmail.fr	07700 900922			
	867	_		ROBERT	JAREMKO	bobbiej67@yopmail.com	07700 900153			
	859	_		AMES	KARACUNS KHAN	karacuns88@yopmail.fr khan.aliesh@jetable.fr.nf	07700 900170			
		ONK Female	++	ATALIE	KRUPNYK	krupnyk.nat@jetable.fr.nf	07700 900950			
		1AM Female 3SM Male		MY HAHINOOR	MICHEV	moss72@yopmail.fr shahinoor michay@nomail.vl.cv	07700 900758			
		8HP Male	++	IUMZA	PARKER	shahinoor.michev@nomail.xl.cx humza.parker@cool.fr.nf	07700 900928			
	664	0MR Male		MAKSIMS	RAHMAN	maksimsr@speed.1s.fr	07700 900366			
		412 Male 2VW Male		AGANJEET	SINGH WELLS	drgs@singh67.biz wells.valentin58@jetable.fr.nf	07700 900900 07700 900744	11/03/1967 4 11/12/1958		
		1BY Male		RANDON	YASIN	yasinb@yopmail.com	07700 900055			
	481	_		RYNA	YILMAZ	anyri@courriel.fr.nf	07700 900738			
	273	70Y Female	Dr 0	DLAYELE	YOUNG	olayele16@speed.1s.fr	07700 900133	3 08/04/1969		
(i) 1 2	GS5412 (or 5412	265)	Ma	ale. Dr	GAC	GANIEFT SIN	IGH		3	
2	drgs@singh67.bi							d into CLIEST		
		12, 07	/00	1 9005	, UU, I	1/02/190/6	ntere			
	table									
	Award 3 marks	s for:								
	Correct data ent	rv wit	h r	no spe	llina e	errors and wit	th for	mat consistent		
	with rest of table	•		•	-					
		•						•		
	address in lower			•			nd nu	mber in		
	MOBILE, date in	same	e fo	rmat a	as oth	er dates).				
	Award 2 marks	s for:								
	Correct data ent		h c	no ch	ollina	orror and wi	th for	mat consistent		
		-		me sp	ennig					
	with rest of data									
	OR									
	Correct data ent	rv wit	h r	no spe	llina e	errors and wit	th for	mat inconsistent		
	in one field	,								
		£								
	Award 1 mark	-								
	Correct data ent	ry wit	:h t	wo sp	elling	errors and w	ith fo	rmat consistent		
	with rest of data				-					
	OR									
	-	m, , , : +	·h		lling	rrore and with	th far	mat inconcistant		
	Correct data ent	i y wit	.11 ſ	io spe	inng e	enors and Wi		mat inconsistent	·	
	in two fields									
	OR									
	Correct data ent	rv wit	h c	ne sn	ellina	error and wi	th for	mat		
	inconsistent in o	•		ne op	ennig			mac		
(ii) 1	Table sorted in a			a ordo	r of l	CTNAME			1	
2							in ac	conding order of		
		iscent	h	y orue		STINAME WILL	iiii asu	centuring of their of	-	
	LSTNAME									
	Check BENNETI	<b>r</b> (Abł	oie	and A	ndrev	v) and <b>MICH</b>	EV (A	my and		
(i) 1	Shaninoor)									
(i) 1	Any one of :		I-				- <b>b</b> a - <b>b</b>		1	
	<ul> <li>Age change</li> </ul>	jes ea	ach	year l	out bi	rthday is con	stant			
		-		-		•				
	Enable cus	stome	er s	ervice		irtment to ce	lebrat			
	<ul> <li>Enable cus with speci</li> </ul>			ervice		•	lebrat			

tivity 4: Using I

	INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme							
Task	Task ANSWER							
(ii) 1	<ul> <li>Any one of:</li> <li>Because it contains a space (non-numeric character)</li> <li>Because it starts with a zero</li> <li>Because it is not used for calculations</li> </ul>	1						

Total for Task DB1 7

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme ANSWER

Task

#### Marks AO Grade

DB	2							
				Task DB2a		1		
		TITLE FSTN			EMAIL	-		
		Dr OLAYE			olayele16@speed.1s.fr	]		
		Dr SHAH Dr NATA			shahinoor.michev@nomail.xl.c krupnyk.nat@jetable.fr.nf			
		Dr ROBEI			bobbiej67@yopmail.com	-		
		Dr ALIES			khan.aliesh@jetable.fr.nf			
		Dr GAGA	NJEET SINGH	07700 900900	drgs@singh67.biz			
				Task DB2b				
			FSTNAME LS					
			AMY MI VALENTIN WE		00758 01/01/1955 00744 11/12/1958			
					00665 31/12/1965			
					00950 31/03/1958			
			JAMES KA	ACUNS 07700 9	00170 19/10/1960			
(a)	1	List shows only correct 6	record	(laror	mko Khan Kru	nnyk Michey	1	
		S, Singh & Young)	record		IIKO, KIIAII, KIU	priyk, menev	-	
		, 3	inch ic i	ot inclu	dod			
	2	Allow follow through if Si	_				-	
		List shows only TITLE, F			NAME, MOBIL	E and EMAIL	1	
	3	List shows fields in corre	ct order	•			1	
b)	1	Award 2 marks for:					2	
	-	Correct 5 records with bi	rthdays	betwee	n 1/1/1955 and	d 31/12/1965		
		inclusive						
		Adeyemo, Karacuns, Kru	pnyk, M	lichev A	& Wells			
		Award 1 mark for:	. , ,					
		Correct 3 or 4 records wi	ith one	or both	Adevemo and N	Michev A		
		missing		or both	Addycinio dila i			
	3			and PI		s only (any	1	
	-	FSTNAME, LSTNAME, N	UDDIL		INTINUAT HEIUS	soniy (any	-	
		order)			<b>.</b>		-	
					lota	I for Task DB2	6	

#### INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme **ANSWER**

Marks AO Grade

B3	;			_					
			Field Name	Description	Data Type	Field size / Length			
			HNAME	Hotel name	Text	=>19 and <=50	1		
			EMPCODE	Employee code	Text	4	]		
			CITY	Location of hotel	Text	>=9 and <=50	4		
			MANAGER YRSTARTED	Manager's name Year manager started	Text Text or Number	>= 11 and <=50 4 or integer	-		
			EMAIL	Manager's email address	Text	>= 25 and <=50	-		
				-					
			Key field	EMPCODE					
		Query1 HOTE	L			HOTEL NAME Parli	ament Mansions		
		Z Field National F		Data Type		EMPLOYEE CODE L101			
		HNAME		Text		CITY	lon		
		8 EMPCODE		Text					
		CITY MANAGER		Text Text		MANAGER Lydia	a White		
		YRSTARTED		Text		YEAR STARTED 2000			
		EMAIL		Text		EMAIL Iydia	white@dhg2000.co.uk		
	1 2	Award 2 marks			or <u>all</u> fields	s. Allow <b>YRS</b>	TARTED as	2	
		number or text	t (not D	ate)					
		Award 1 mark	for corr	ect data type	for five fie	elds			
	3	Field sizes – va						2	
	4				the range	es shown.		2	
		HNAME = >19	and <=	50					
		EMPCODE = 4							
		CITY >= 9 and	<-50						
		MANAGER >=							
		YRSTARTED = 4	4 or inte	eger					
		EMAIL >= 25 a	and $< =$	50					
		Award 2 marks							
		Award 1 mark	for 5 cc	prrect					
	5	Award 1 mark	each up	o to a maximu	m of 2 for	justification	of data	2	
	0	type for any 2	•			5			
		<i>'</i> · · <i>'</i>		old contains n			not used in		
		e.g explanation	n that fi	eiu contains h	on-numer	ic values or	not used in		
		calculations						<u> </u>	
	7	Key field is <b>EM</b>	PCODE					1	
	8	Justification in	cludes e	explanation that	at key field	d needs to b	e unique	1	
-	1	Table structure	e match	es candidate's	design			1	
	2	Correct spelling	g of all	field names				1	
	3	<b>EMPCODE</b> set	as prin	nary key. Allov	v follow th	rough from	DB3a	1	
	1	Data entry for	m has a	ll 6 required fi	elds prese	ent		1	
	2		form has suitable field labels and/or help features						
	3	Award 2 marks				•		2	
	4	London hotel d		ered correctly	with no e	rrors			
				cicu correctly		1013			
		Award 1 mark							
		Data entered of	correctly	v with one error	or.				
_							or Task DB3		

Total for Activity 4: 28 marks

Task

# INTERNATIONAL GCSE ICT (4IT0/02) June 2015 Mark Scheme

ANSWER

Marks AO Grade

Activity 5: Using DTP	/ Word Processing	Software (WP)	
-----------------------	-------------------	---------------	--

<b>WP</b> :	1							
		<image/> <image/> <image/> <image/> <image/> <image/> <image/> <image/> <image/> <section-header><section-header><image/><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>						
(a)	1	Document has a suitable title must include at least two of "DHG", "Report", "July meeting"	1					
	2	Logo inserted in appropriate place in document. Top or bottom, left, centre or right aligned	1					
	3	JULYMTG1, JULYMTG2 and JULYMTG3 text included	1					
		The chart from <b>SS3</b> inserted with the paragraph from <b>JULYMTG2</b>	1					
	5							
	6	Results of query from <b>DB2b</b> inserted with the paragraph from <b>JULYMTG1</b>	1					
(b)	1	Consistent use of font(s), size and style for headings and body text	1					
	2	Consistent and appropriate alignment of text	1					
	3	Consistent and appropriate alignment of images	1					
	4	Screenshots suitably cropped to remove unnecessary items	1					
	5	Report fits to one side of A4 with balanced layout	1					
		Total for Task WA1	11					

Marks AO Grade

#### **INTERNATIONAL GCSE ICT (4IT0/02)** June 2015 Mark Scheme **ANSWER**

Task

WP	2		
	МЕМО		
	To: Lydia		
	From: Frederick		
	Date: 11 May 2015		
	Subject: July Meeting		
	Can I remind you that the next meeting of the hotel		
	managers will be held in Conference Suite of the London hotel on Wednesday 15 July 2015 starting at 10:30 am?		
(a)	<sup>1</sup> To: Lydia (White, Manager London Hotel) From: Frederick (Ducansvilla, Managing Director)	1	
	Accept with or without colons		
	<sup>2</sup> Today's date (11 – 15 May) – with appropriate label	1	
	<sup>3</sup> Subject contains reference to meeting <b>and</b> managers or July	1	
	<sup>4</sup> Appropriate message including "Wednesday 15 July (2015)", "10:30 am" and "Conference Suite"	1	
(b)	<sup>1</sup> Document is produced in memo format, do not accept letter format	1	
	<sup>2</sup> All headings aligned	1	
	<sup>3</sup> Spelling and grammar of message is correct and content is appropriate for a memo	1	
	Total for Task WA2	7	

Total for Activity 5: 18 marks