



Pearson

# Mark Scheme (Results)

Summer 2017

Pearson Edexcel International GCSE  
in Information and Communication  
Technology (4IT0) Paper 02

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Summer 2017

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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)**

Task	ANSWER	Marks	LO	AO
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**Task SS1 – must be formula view for marks except for (a)(i), (a)(ii) and (b)(i)**

Example response

	I	J	K	L
6	=SUM(D6:H6)	=AVERAGE(D6:H6)	=\$B\$3-I6	=IF(K6>J6,"Yes","No")
7	=SUM(D7:H7)	=AVERAGE(D7:H7)	=\$B\$3-I7	=IF(K7>J7,"Yes","No")
8	=SUM(D8:H8)	=AVERAGE(D8:H8)	=\$B\$3-I8	=IF(K8>J8,"Yes","No")
9	=SUM(D9:H9)	=AVERAGE(D9:H9)	=\$B\$3-I9	=IF(K9>J9,"Yes","No")
10	=SUM(D10:H10)	=AVERAGE(D10:H10)	=\$B\$3-I10	=IF(K10>J10,"Yes","No")
11	=SUM(D11:H11)	=AVERAGE(D11:H11)	=\$B\$3-I11	=IF(K11>J11,"Yes","No")
12	=SUM(D12:H12)	=AVERAGE(D12:H12)	=\$B\$3-I12	=IF(K12>J12,"Yes","No")
13	=SUM(D13:H13)	=AVERAGE(D13:H13)	=\$B\$3-I13	=IF(K13>J13,"Yes","No")
14	=SUM(D14:H14)	=AVERAGE(D14:H14)	=\$B\$3-I14	=IF(K14>J14,"Yes","No")
15	=SUM(D15:H15)	=AVERAGE(D15:H15)	=\$B\$3-I15	=IF(K15>J15,"Yes","No")
16	=SUM(D16:H16)	=AVERAGE(D16:H16)	=\$B\$3-I16	=IF(K16>J16,"Yes","No")
17	=SUM(D17:H17)	=AVERAGE(D17:H17)	=\$B\$3-I17	=IF(K17>J17,"Yes","No")
18	=SUM(D18:H18)	=AVERAGE(D18:H18)	=\$B\$3-I18	=IF(K18>J18,"Yes","No")
19	=SUM(D19:H19)	=AVERAGE(D19:H19)	=\$B\$3-I19	=IF(K19>J19,"Yes","No")
20	=SUM(D20:H20)	=AVERAGE(D20:H20)	=\$B\$3-I20	=IF(K20>J20,"Yes","No")
21	=SUM(D21:H21)	=AVERAGE(D21:H21)	=\$B\$3-I21	=IF(K21>J21,"Yes","No")
22	=SUM(D22:H22)	=AVERAGE(D22:H22)	=\$B\$3-I22	=IF(K22>J22,"Yes","No")
23	=SUM(D23:H23)	=AVERAGE(D23:H23)	=\$B\$3-I23	=IF(K23>J23,"Yes","No")

(a)	(i)	1 2	<b>Award 2 marks</b> for =SUM(D6:H6) in I6 <b>Award 1 mark</b> for formula which gives value of 470 in I6 <b>OR</b> the value 470 in I6 <b>OR</b> =SUM(D6:H6) in a column other than I	<b>2</b>	28	2
	(ii)	1 2	<b>Award 2 marks</b> for =AVERAGE(D6:H6) in J6 <b>Award 1 mark</b> for formula which gives value of 94 in cell J6 or the value 94 in J6 <b>OR</b> =AVERAGE(D6:H6) in column other than J	<b>2</b>	28	2
(b)	(i)	1	<b>Cost in A3 AND 650 in B3</b> Ignore capitalisation Do not accept additional text	<b>1</b>	28	2
	(ii)	1 2	<b>Award 2 marks</b> for =\$B\$3-I6 <b>OR</b> =B\$3-I6 in cell K6 <b>Award 1 mark</b> for =B3-I6 <b>OR</b> =SUM(\$B\$3-I6) <b>OR</b> =SUM(B\$3-I6) in cell K6 Must use cell references not values in formula Allow follow through if additional columns penalised in (a)	<b>2</b>	28	2
(c)		1 2 3	Formula in L6 <b>Award 3 marks</b> for =IF(K6>J6,"Yes","No") <b>OR</b> =IF(K6<=J6,"No","Yes") <b>Award 2 marks</b> for =IF(K6>=J6,"Yes","No") <b>OR</b> =IF(K6<J6,"No","Yes") <b>Award 1 mark</b> for =IF(K6>J6, <b>OR</b> =IF(K6<J6, <b>OR</b> =IF(K6<=J6, <b>OR</b> =IF(K6>=J6, Ignore capitalisation. Allow "y" and "n" Allow follow through if additional columns penalised in (a) or (b)	<b>3</b>	28	2
(d)		1 2	<b>Replication – formulae must not be truncated.</b> <b>Award 2 marks</b> for cells <b>I6:L6</b> replicated to other rows with absolute cell reference in formula in cell K6 <b>Award 1 mark</b> for three columns (from I, J, K and L) replicated Needs absolute cell reference in formula in K6 for replication of column K Allow follow through for incorrect formulae	<b>2</b>	28	2
<b>Total for Task SS1</b>				<b>12</b>		

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

<b>Task</b>	<b>ANSWER</b>	Marks	LO	AO
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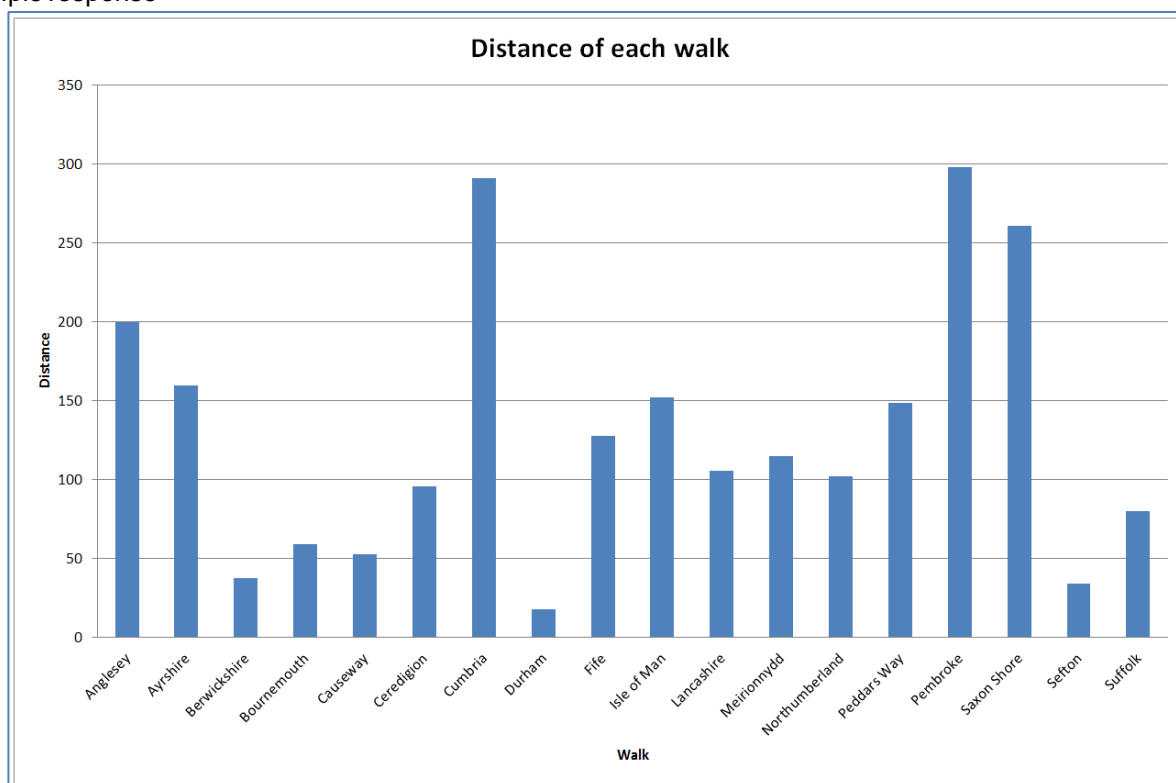
<b>Task SS2 – marks may be awarded from formula view where evidence present</b>																																																																																																																																																																																																																																																																																																																													
<b>Example response</b>																																																																																																																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> <th>K</th> <th>L</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>1</td> <td colspan="3">Outgrove Park Ramblers</td> <td colspan="9">Pembrokeshire Coast Walk</td> </tr> <tr> <td>2</td> <td colspan="12"></td> </tr> <tr> <td>3</td> <td>Cost</td> <td>£650</td> <td colspan="10"></td> </tr> <tr> <td>4</td> <td colspan="12">Payments</td> </tr> <tr> <td>5</td> <td>FirstName</td> <td>LastName</td> <td>Date of Birth</td> <td>Jan</td> <td>Feb</td> <td>Mar</td> <td>Apr</td> <td>May</td> <td>Total</td> <td>Average</td> <td>Balance</td> <td>Reminder</td> </tr> <tr> <td>6</td> <td>GEORGINA</td> <td>BARKER</td> <td>20/02/1975</td> <td>£120</td> <td>£120</td> <td>£150</td> <td>£0</td> <td>£100</td> <td>£490</td> <td>£98</td> <td>£160</td> <td>Yes</td> </tr> <tr> <td>7</td> <td>KATRINA</td> <td>BAWE</td> <td>28/12/1966</td> <td>£0</td> <td>£150</td> <td>£160</td> <td>£0</td> <td>£150</td> <td>£460</td> <td>£92</td> <td>£190</td> <td>Yes</td> </tr> <tr> <td>8</td> <td>FENG</td> <td>CHOW</td> <td>29/04/1987</td> <td>£110</td> <td>£100</td> <td>£150</td> <td>£120</td> <td>£70</td> <td>£550</td> <td>£110</td> <td>£100</td> <td>No</td> </tr> <tr> <td>9</td> <td>XIAOFEI</td> <td>CHOW</td> <td>03/04/1990</td> <td>£150</td> <td>£0</td> <td>£140</td> <td>£130</td> <td>£150</td> <td>£570</td> <td>£114</td> <td>£80</td> <td>No</td> </tr> <tr> <td>10</td> <td>ALEX</td> <td>DONG</td> <td>28/01/1983</td> <td>£140</td> <td>£130</td> <td>£140</td> <td>£120</td> <td>£120</td> <td>£650</td> <td>£130</td> <td>£0</td> <td>No</td> </tr> <tr> <td>11</td> <td>LUCY</td> <td>FUBARA</td> <td>26/12/1967</td> <td>£0</td> <td>£70</td> <td>£160</td> <td>£200</td> <td>£80</td> <td>£510</td> <td>£102</td> <td>£140</td> <td>Yes</td> </tr> <tr> <td>12</td> <td>HUGH</td> <td>KHAWALDEH</td> <td>25/10/1970</td> <td>£100</td> <td>£150</td> <td>£120</td> <td>£140</td> <td>£120</td> <td>£630</td> <td>£126</td> <td>£20</td> <td>No</td> </tr> <tr> <td>13</td> <td>ISABEL</td> <td>KHAWALDEH</td> <td>25/07/1972</td> <td>£120</td> <td>£80</td> <td>£70</td> <td>£160</td> <td>£80</td> <td>£510</td> <td>£102</td> <td>£140</td> <td>Yes</td> </tr> <tr> <td>14</td> <td>SHELBY</td> <td>KHAWALDEH</td> <td>23/01/2000</td> <td>£130</td> <td>£100</td> <td>£50</td> <td>£80</td> <td>£110</td> <td>£470</td> <td>£94</td> <td>£180</td> <td>Yes</td> </tr> <tr> <td>15</td> <td>CLARISSE</td> <td>LAW</td> <td>23/06/1997</td> <td>£140</td> <td>£150</td> <td>£50</td> <td>£150</td> <td>£50</td> <td>£540</td> <td>£108</td> <td>£110</td> <td>Yes</td> </tr> <tr> <td>16</td> <td>SIAVASH</td> <td>LEE</td> <td>24/06/1976</td> <td>£150</td> <td>£130</td> <td>£130</td> <td>£120</td> <td>£120</td> <td>£650</td> <td>£130</td> <td>£0</td> <td>No</td> </tr> <tr> <td>17</td> <td>ANNA</td> <td>MARKS</td> <td>05/06/1977</td> <td>£150</td> <td>£140</td> <td>£0</td> <td>£120</td> <td>£60</td> 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Birth	Jan	Feb	Mar	Apr	May	Total	Average	Balance	Reminder	6	GEORGINA	BARKER	20/02/1975	£120	£120	£150	£0	£100	£490	£98	£160	Yes	7	KATRINA	BAWE	28/12/1966	£0	£150	£160	£0	£150	£460	£92	£190	Yes	8	FENG	CHOW	29/04/1987	£110	£100	£150	£120	£70	£550	£110	£100	No	9	XIAOFEI	CHOW	03/04/1990	£150	£0	£140	£130	£150	£570	£114	£80	No	10	ALEX	DONG	28/01/1983	£140	£130	£140	£120	£120	£650	£130	£0	No	11	LUCY	FUBARA	26/12/1967	£0	£70	£160	£200	£80	£510	£102	£140	Yes	12	HUGH	KHAWALDEH	25/10/1970	£100	£150	£120	£140	£120	£630	£126	£20	No	13	ISABEL	KHAWALDEH	25/07/1972	£120	£80	£70	£160	£80	£510	£102	£140	Yes	14	SHELBY	KHAWALDEH	23/01/2000	£130	£100	£50	£80	£110	£470	£94	£180	Yes	15	CLARISSE	LAW	23/06/1997	£140	£150	£50	£150	£50	£540	£108	£110	Yes	16	SIAVASH	LEE	24/06/1976	£150	£130	£130	£120	£120	£650	£130	£0	No	17	ANNA	MARKS	05/06/1977	£150	£140	£0	£120	£60	£470	£94	£180	Yes	18	GEORGIA	PICKUP	16/07/1975	£130	£160	£0	£180	£0	£470	£94	£180	Yes	19	DAVID	PITTARD	11/02/1966	£50	£120	£150	£50	£120	£490	£98	£160	Yes	20	ALEXANDER	RABOT	07/05/1982	£60	£0	£190	£150	£90	£490	£98	£160	Yes	21	ISABEL	SELF	24/04/1995	£0	£100	£150	£140	£130	£520	£104	£130	Yes	22	ALEXANDER	TEMPLETON	11/04/1989	£190	£0	£160	£120	£0	£470	£94	£180	Yes	23	ARSALAN	TUBMAN	21/01/1992	£60	£150	£100	£140	£70	£520	£104	£130	Yes
	A	B	C	D	E	F	G	H	I	J	K	L	M																																																																																																																																																																																																																																																																																																																
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(a)	1 2 3	<p>Must maintain data integrity</p> <p><b>Award 3 marks for A6:H23</b> sorted in alphabetical order of <b>FirstName</b> within alphabetical order of <b>LastName</b></p> <p><b>Award 2 marks for A6:H23</b> sorted in alphabetical order of <b>FirstName</b> within reverse alphabetical order of <b>LastName</b></p> <p><b>OR</b> sorted in reverse alphabetical order of <b>FirstName</b> within alphabetical order of <b>LastName</b></p> <p><b>Award 1 mark for A6:H23</b> sorted in reverse alphabetical order of <b>FirstName</b> within reverse alphabetical order of <b>LastName</b></p> <p><b>OR</b> sorted in alphabetical order of <b>LastName</b></p>	<b>3</b>	29	2																																																																																																																																																																																																																																																																																																																								
(b)	(i)	1	Appropriate labels in cells <b>I5</b> (e.g. Total), <b>J5</b> (e.g. Average), <b>K5</b> (e.g. Balance) and <b>L5</b> (e.g. Reminder). Ignore capitalisation and spelling	<b>1</b>	28	2																																																																																																																																																																																																																																																																																																																							
	(ii)	1	Cells D6:K23 and B3 only formatted to show currency symbol and 0 decimal places (MUST BE DATA VIEW)	<b>1</b>	28	2																																																																																																																																																																																																																																																																																																																							
	(iii)	1	Award one mark for removal of truncation – all data visible (MUST BE DATA VIEW)	<b>1</b>	28	2																																																																																																																																																																																																																																																																																																																							
	(iv)	1 2	<p><b>Award 1 mark</b> each up to maximum of 2 marks for:</p> <ul style="list-style-type: none"> <li>titles and/or column headings enhanced appropriately</li> <li>appropriate and consistent use of borders and/or shading</li> <li>appropriate alignment (not default) / text wrap of labels</li> <li>adding space in FirstName and LastName</li> </ul> <p>Ignore D4:H4 (Payments)</p>	<b>2</b>	28	2																																																																																																																																																																																																																																																																																																																							
(c)	(i)	1	One formatting feature identified (in screenshot)	<b>1</b>	28	1																																																																																																																																																																																																																																																																																																																							
	(ii)	1	<p><b>Award 1 mark</b> for description of how formatting feature improves presentation e.g.</p> <ul style="list-style-type: none"> <li>borders making it easier to read across the spreadsheet</li> <li>borders separating important information</li> <li>enhanced titles making it easier to identify headings</li> <li>consistency</li> </ul>	<b>1</b>	28	3																																																																																																																																																																																																																																																																																																																							
<b>Total for Task SS2</b>				<b>10</b>																																																																																																																																																																																																																																																																																																																									

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

Task	ANSWER	Marks	LO	AO
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**Task SS3**

Example response



1	Bar or column chart uses data from WALKS	1	28	2
2	Chart data range A2:A19 and D2:D19 only in chart (values range from 18 to 298)	1	28	2
3	Suitable title must include "distance" and "walk" – ignore spelling and capitalisation	1	28	2
4	Category labels (Walk names) not truncated	1	28	2
5	Suitable axis labels e.g. Walk, Distance – ignore spelling and capitalisation	1	28	2
6	Graph is fit for purpose. Must have mark points 1 to 5 and <ul style="list-style-type: none"> <li>• fill one sheet of A4, landscape</li> <li>• have correctly spelled/capitalised title and labels</li> <li>• have no data values on bars</li> <li>• have no unnecessary legend</li> <li>• include no unnecessary data</li> </ul>	1	28	2
<b>Total for Task SS3</b>		<b>6</b>		

<b>TOTAL FOR ACTIVITY 1</b>	<b>28</b>
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**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

<b>Task</b>	<b>ANSWER</b>	Marks	LO	AO
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**ACTIVITY 2 – USING DATABASE SOFTWARE**

**Task DB1**

Example response

WALKER									
WALKER_ID	TITLE	FIRSTNAME	LASTNAME	ADDR1	ADDR2	POSTCODE	MOBILE	GENDER	BIRTHDATE
109	MS	GEORGINA	BARKER	34 Cork Ave	STRATHAYR	G28 8JY	07700 900848	F	20/02/1975
127	MS	KATRINA	BAWE	68 Park Rd	DOWNLEA	G29 5NS	07700 900574	F	28/12/1966
133	MS	HOLLY	BENSLEY	47 Nut St	AIRDALE	G25 1NF	07700 900716	F	03/09/1972
111	MR	FENG	BRETT	7 Nut St	DOWNLEA	G29 1ZK	07700 900720	M	26/08/1967
132	MR	FENG	CHOW	19 Oak Ave	DENHOME	G27 8GZ	07700 900551	M	29/04/1987
108	MS	XIAOFEI	CHOW	94 Tree Ave	DENHOME	G27 4QN	07700 900384	F	03/04/1990
115	MS	ALEX	DONG	68 Cork Ave	STRATHAYR	G28 1OT	07700 900859	F	28/01/1983
128	MR	LUCY	FUBARA	40 High St	DENHOME	G27 1VN	07700 900353	M	26/12/1967
116	DR	SHELBY	HONG	83 Park Rd	CLANNOD	G26 5MT	07700 900532	F	06/02/1976
114	MR	HUGH	KHAWALDEH	76 Park Way	AIRDALE	G25 6BU	07700 900202	M	25/10/1970
117	DR	ISABEL	KHAWALDEH	76 Park Way	AIRDALE	G25 6BU	07700 900342	F	25/07/1972
125	MS	SHELBY	KHAWALDEH	63 Park Rd	PAISELEIGH	G24 2OF	07700 900978	F	23/01/2000
124	MS	CLARISSE	LAW	76 Park Rd	DENHOME	G27 1LR	07700 900467	F	23/06/1997
120	MR	SIAVASH	LEE	30 Hill St	DENHOME	G27 7YS	07700 900008	M	24/06/1976
106	MR	THOMAS	LEE	73 Tree Ave	DOWNLEA	G29 3NR	07700 900817	M	26/09/1961
105	MS	ANNA	MARKS	74 Nut St	CLANNOD	G26 2GQ	07700 900240	F	05/06/1977
113	MR	SAIRAJ	MORGAN	38 High St	PAISELEIGH	G24 7BK	07700 900036	M	15/06/1974
126	MR	JAMES	PAREAS	70 Hill St	STRATHAYR	G28 7PJ	07700 900992	M	10/09/1964
131	DR	THUSHITHA	PARTHIBAN	77 Park Rd	STRATHAYR	G28 7EI	07700 900429	F	12/07/1961
129	MS	GEORGIA	PICKUP	41 Oak Ave	PAISELEIGH	G24 3XZ	07700 900269	F	16/07/1975
123	MR	DAVID	PITTARD	32 Ocean Dr	AIRDALE	G25 1LW	07700 900988	M	11/02/1966
110	MS	ANNA	POLONGA	81 Tree Ave	DENHOME	G27 6PA	07700 900972	F	09/12/1982
130	MS	ALEXANDER	RABOT	68 Elm St	DENHOME	G27 8MQ	07700 900726	F	07/05/1982
121	MR	ANDREW	RAJA	84 Oak Ave	AIRDALE	G25 1DB	07700 900102	M	24/09/1990
112	DR	ISABEL	SELF	52 Park Rd	AIRDALE	G25 6XY	07700 900783	F	24/04/1995
122	MR	NICHOLAS	SMITH	16 Elm St	AIRDALE	G25 1LC	07700 900424	M	17/12/1994
104	MR	ALEXANDER	TEMPLETON	7 Oak Ave	DOWNLEA	G29 2HQ	07700 900763	M	11/04/1989
118	DR	ALEXANDER	TEMPLETON	73 Nut St	AIRDALE	G25 4ZG	07700 900145	M	04/11/1999
107	DR	ARSALAN	TUBMAN	16 Cork Ave	AIRDALE	G25 3FN	07700 900969	M	21/01/1992
119	MS	EMMA	WEBB	48 Tree Ave	CLANNOD	G26 1JH	07700 900734	F	18/09/1999
103	MR	THOMAS	WEBB	46 Ocean Dr	CLANNOD	G26 4UT	07700 900317	M	19/06/1964

(a)		1 2	134, DR, AGNETHA, ANDERSSEN, 5 Hill St, DENHOME, G27 9EM, 07700 900135, F, 09/08/1988 (Accept 08/09/1988 if format is MM/DD/YYYY) Data entered with no data entry errors (1) Data entered with no formatting errors (1)	<b>2</b>	29	2
(b)		1 2	<b>Award 2 marks</b> for WALKER table sorted in alphabetical order of FIRSTNAME within alphabetical order of LASTNAME <b>Award 1 mark</b> for WALKER table sorted in ascending order of LASTNAME Must include first 20 records and FIRSTNAME and LASTNAME	<b>2</b>	29	2
(c)	(i)		Two characters only / "MR" or "MS" or "DR" Ignore capitalisation. Must include 'or'	<b>1</b>	29	1
	(ii)		<b>Award 1 mark</b> each up to a maximum of 2 for: <ul style="list-style-type: none"> <li>• limit range of values entered</li> <li>• ensure consistency of data entry</li> <li>• restricted length</li> <li>• limits data entry errors</li> </ul> Do not accept 'accuracy' on its own	<b>2</b>	29	3
<b>Total for Task</b>				<b>7</b>		

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

<b>Task</b>	<b>ANSWER</b>	Marks	LO	AO
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**Task DB2**

Example response

DB2a			
TITLE	FIRSTNAME	LASTNAME	POSTCODE
MR	ALEXANDER	TEMPLETON	G29 2HQ
MR	THOMAS	LEE	G29 3NR
MR	FENG	BRETT	G29 1ZK
MS	KATRINA	BAWE	G29 5NS

DB2b			
WALKNAME	REGION	DISTANCE	RATING
Anglesey	WALES	200	3
Ayrshire	SCOTLAND	160	2
Cumbria	ENGLAND	291	2
Fife	SCOTLAND	128	3
Isle of Man	ENGLAND	152	2
Meirionnydd	WALES	115	2
<u>Peddars Way</u>	ENGLAND	149	2
Pembroke	WALES	298	5
Saxon Shore	ENGLAND	261	2

(a)	1	Correct 4 records only (Bawe, Brett, Lee and Templeton) (all postcode G29) Must have at least <b>LASTNAME</b> and <b>POSTCODE</b>	<b>1</b>	29	2
	2 3	<b>Award 2 marks</b> for only fields <b>TITLE</b> , <b>FIRSTNAME</b> , <b>LASTNAME</b> and <b>POSTCODE</b> present <b>Award 1 mark</b> for only fields <b>TITLE</b> , <b>FIRSTNAME</b> , <b>LASTNAME</b> , <b>ADDR2</b> and <b>POSTCODE</b> present	<b>2</b>	29	2
(b)	1 2	<b>Award 2 marks</b> for correct 9 records only (distance 115 or more) <b>Award 1 mark</b> for correct 8 records (distance more than 115 – missing Meirionnydd) Must have at least <b>WALKNAME</b> and <b>DISTANCE</b>	<b>2</b>	29	2
	3	Only the fields <b>WALKNAME</b> , <b>REGION</b> , <b>DISTANCE</b> and <b>RATING</b>	<b>1</b>	29	2
	4	Fields <b>WALKNAME</b> , <b>REGION</b> , <b>DISTANCE</b> and <b>RATING</b> in this order	<b>1</b>	29	2
<b>Total for Task</b>			<b>7</b>		



**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

<b>Task</b>	<b>ANSWER</b>	Marks	LO	AO
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<b>Task DB3</b>																																																				
Example response																																																				
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="6" style="text-align: center; padding: 5px;">DB3b</th> </tr> <tr> <th style="padding: 5px;">FIRSTNAME</th> <th style="padding: 5px;">LASTNAME</th> <th style="padding: 5px;">BIRTHDATE</th> <th style="padding: 5px;">WALKNAME</th> <th style="padding: 5px;">WALKDATE</th> <th style="padding: 5px;">WALKTIME</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">FENG</td> <td style="padding: 5px;">CHOW</td> <td style="padding: 5px;">29/04/1987</td> <td style="padding: 5px;">Anglesey</td> <td style="padding: 5px;">05/03/2016</td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">NICHOLAS</td> <td style="padding: 5px;">SMITH</td> <td style="padding: 5px;">17/12/1994</td> <td style="padding: 5px;">Anglesey</td> <td style="padding: 5px;">06/03/2016</td> <td style="padding: 5px;">11</td> </tr> <tr> <td style="padding: 5px;">EMMA</td> <td style="padding: 5px;">WEBB</td> <td style="padding: 5px;">18/09/1999</td> <td style="padding: 5px;">Anglesey</td> <td style="padding: 5px;">25/09/2016</td> <td style="padding: 5px;">5</td> </tr> <tr> <td style="padding: 5px;">ALEX</td> <td style="padding: 5px;">DONG</td> <td style="padding: 5px;">28/01/1983</td> <td style="padding: 5px;">Durham</td> <td style="padding: 5px;">25/02/2016</td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">SAIRAJ</td> <td style="padding: 5px;">MORGAN</td> <td style="padding: 5px;">15/06/1974</td> <td style="padding: 5px;">Durham</td> <td style="padding: 5px;">21/08/2016</td> <td style="padding: 5px;">1</td> </tr> <tr> <td style="padding: 5px;">FENG</td> <td style="padding: 5px;">BRETT</td> <td style="padding: 5px;">26/08/1967</td> <td style="padding: 5px;">Durham</td> <td style="padding: 5px;">30/08/2016</td> <td style="padding: 5px;">5</td> </tr> </tbody> </table>					DB3b						FIRSTNAME	LASTNAME	BIRTHDATE	WALKNAME	WALKDATE	WALKTIME	FENG	CHOW	29/04/1987	Anglesey	05/03/2016	2	NICHOLAS	SMITH	17/12/1994	Anglesey	06/03/2016	11	EMMA	WEBB	18/09/1999	Anglesey	25/09/2016	5	ALEX	DONG	28/01/1983	Durham	25/02/2016	2	SAIRAJ	MORGAN	15/06/1974	Durham	21/08/2016	1	FENG	BRETT	26/08/1967	Durham	30/08/2016	5
DB3b																																																				
FIRSTNAME	LASTNAME	BIRTHDATE	WALKNAME	WALKDATE	WALKTIME																																															
FENG	CHOW	29/04/1987	Anglesey	05/03/2016	2																																															
NICHOLAS	SMITH	17/12/1994	Anglesey	06/03/2016	11																																															
EMMA	WEBB	18/09/1999	Anglesey	25/09/2016	5																																															
ALEX	DONG	28/01/1983	Durham	25/02/2016	2																																															
SAIRAJ	MORGAN	15/06/1974	Durham	21/08/2016	1																																															
FENG	BRETT	26/08/1967	Durham	30/08/2016	5																																															
(a)	(i)	1 2	WALKER_ID is a foreign key in the HISTORY table / primary key in the WALKER table (1) to identify the walker in the WALKER table /to enable the tables to be linked (1)	<b>2</b>	29	3																																														
	(ii)	1 2	<b>Award 1 mark</b> each up to a maximum of 2 for explanation including <ul style="list-style-type: none"> <li>efficiency / no data redundancy / duplication</li> <li>no need to repeat data entry of common information / normalisation</li> <li>data is grouped</li> <li>changes to data only need to be made once</li> </ul>	<b>2</b>	29	3																																														
(b)		1 2	List contains <b>only</b> six records for Anglesey and Durham (2) List contains records for <b>only</b> Anglesey or Durham (1)	<b>2</b>	29	2																																														
		3	List shows only fields <b>FIRSTNAME, LASTNAME, BIRTHDATE, WALKNAME, WALKDATE</b> and <b>WALKTIME</b>	<b>1</b>	29	2																																														
		4	Fields <b>FIRSTNAME, LASTNAME, BIRTHDATE, WALKNAME, WALKDATE</b> and <b>WALKTIME</b> in correct order Ignore other fields	<b>1</b>	29	2																																														
		5	List sorted in ascending order of <b>WALKDATE</b> within ascending order of <b>WALKNAME</b>	<b>1</b>	29	2																																														
<b>Total for Task</b>				<b>9</b>																																																

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

Task	ANSWER	Marks	LO	AO
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**Task DB4 – must be a database report for marks to be awarded**

Example response

### Walkers completing either Anglesey or Durham walks

WALK NAME	FIRST NAME	LAST NAME	WALK DATE
Anglesey	FENG	CHOW	05/03/2016
Anglesey	NICHOLAS	SMITH	06/03/2016
Anglesey	EMMA	WEBB	25/09/2016
Durham	ALEX	DONG	25/02/2016
Durham	SAIRAJ	MORGAN	21/08/2016
Durham	FENG	BRETT	30/08/2016


1	Suitable title – must include 'Anglesey' and 'Durham' Ignore capitalisation and spelling	1	29	2
2	6 records from Task DB3 listed – allow follow through Allow grouping of records	1	29	2
3	Only fields <b>WALKNAME</b> , <b>FIRSTNAME</b> , <b>LASTNAME</b> and <b>WALKDATE</b> present in this order	1	29	2
4	Task DB4, candidate name, centre number and candidate number in report page footer	1	29	2
5	Report is fit for purpose Must have mark points 1 – 3 and <ul style="list-style-type: none"> <li>• on one side of A4, <b>landscape</b></li> <li>• correct spelling and sensible capitalisation</li> <li>• column headings edited consistently and appropriately with spaces</li> <li>• balanced layout</li> </ul>	1	29	3
<b>Total for Task</b>		<b>5</b>		

**TOTAL FOR ACTIVITY 2**    **28**

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

Task	ANSWER	Marks	LO	AO
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**ACTIVITY 3 – USING GRAPHICS SOFTWARE**

Task AG1					
Example response					
					
(a)	1	Letters <b>OPR</b> included as given	<b>1</b>	26	2
	2	<b>Pembroke Coast Walk 2017</b> included as given	<b>1</b>	26	2
	3	<b>One</b> suitable image from <b>IMAGES</b> folder included. Accept LOGO, WALKERS, YOUTH	<b>1</b>	27	1
	4	Appropriate balance (size and colour/shade) of text and image Must include required text and suitable image	<b>1</b>	30	2
	5	Badge is approximately square/circle and presented as approximately 8cm x 8cm (+/- 0.5 cm)	<b>1</b>	30	2
(b)	1	<b>Award 1 mark</b> each up to a maximum of 2 for: <ul style="list-style-type: none"> <li>• balance of text and image / text is clear</li> <li>• appropriate image chosen / does not use photo / uses vector image</li> <li>• includes required elements (text and image)</li> <li>• appropriate size / shape / fits nicely on t-shirt</li> <li>• relevant to walking / group</li> </ul>	<b>2</b>	34	3
	2				
<b>Total for Task AG1</b>			<b>7</b>		

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

Task	ANSWER	Marks	LO	AO
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**Task AG2**



Original image

Example response

Cropped image



(a)	1	Some sky above castle and river below castle cropped	<b>1</b>	27	2
	2	Some trees on left and right cropped	<b>1</b>	27	2
	3	Image remains rectangular and cropping is close to building without removing parts of castle	<b>1</b>	27	2
(b)	1 2	Second mark must be explanation/expansion of first mark response An explanation that includes one of: <ul style="list-style-type: none"> <li>• reduced file size (1) means reduced storage required (1)</li> <li>• reduced file size (1) means faster upload/download (on website) (1)</li> <li>• removes unnecessary items (1) means focus on castle (1)</li> </ul> Do not accept response related to fitting onto page/screen	<b>2</b>	34	3
<b>Total for Task AG2</b>			<b>5</b>		

**TOTAL FOR ACTIVITY 3** | **12**

INTERNATIONAL GCSE ICT (4IT0/02)  
June 2017 Mark Scheme

Task	ANSWER	Marks	LO	AO
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ACTIVITY 4 – USING WEB AUTHORING SOFTWARE

Task WA1

Example response



(a)	1	OPR logo present on all pages submitted	1	30	2
	2	Outgrove Park Ramblers on all pages submitted Ignore spelling and capitalisation	1	30	2
	3	Link to Home page, SCHEDULE, WILDLIFE and LANDMARK on at least one page Allow omission of link to current page	1	30	2
	4	Suitable page title on each page. Ignore spelling and capitalisation	1	30	2
	5	All appropriate text from PEMBROKE on each page	1	30	2
	6	Appropriate image on SCHEDULE and WILDLIFE pages	1	30	2
	7	CASTLE or CAREW image on LANDMARK page	1	30	2
	8	All <b>three</b> pages produced with 6 sections (logo, title, page title, links, text and image) – ignore layout	1	30	2
(b)	1	Three pages produced with elements placed consistent with design (ignore page orientation)	1	32	2
	2	Appropriate font sizes and consistent font styles (across minimum 2 pages)	1	32	2
	3	Appropriate image sizes for SCHEDULE and WILDLIFE pages. Proportions maintained	1	32	2
	4	All pages have dark (green) text on pale (green) background	1	32	2
	5	Fit for purpose. Must have mark points 1 to 4 <b>and</b> All text correct spelling and grammar with sensible capitalisation	1	32	2
<b>Total for Task WA1</b>			<b>13</b>		

Task WA2

Example response

```
<span style="font-size:13.0pt; font-family:"Arial Rounded MT" >
  <a href="LANDMARK.htm">...</a>
</span>
<span style="color:green">...</sp
```

(a)	1	HTML code for hyperlink included. Do not award unless web source code	1	23	2
	2	Hyperlink highlighted is to LANDMARK page. Benefit of doubt if filename different. Do not award unless web source code. Minimum <a href="landmark.htm (or html)">	1	23	2
(b)	1 2	Award 1 mark each up to a maximum of 2 for an explanation including: <ul style="list-style-type: none"> <li>house style provides consistency</li> <li>house style gives guidance for new contributors</li> <li>house style gives organisation recognisable identity across documents</li> </ul>	2	32	3
<b>Total for Task WA2</b>			<b>4</b>		

TOTAL FOR ACTIVITY 4 17


**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

<b>Task</b>	<b>ANSWER</b>	Marks	LO	AO
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**ACTIVITY 5 – USING WORD PROCESSING SOFTWARE**


**Task WP1**

Example response




**PEMBROKESHIRE COAST WALK**

**INTRODUCTION:**  
The annual walking holiday this summer is to the beautiful South Wales county of Pembrokeshire. The holiday will be a wonderful mix of spectacular coastline and historic monuments. The total cost of the holiday is £650. Places are limited to the first 25 applicants. Please speak to Leonie if you wish to join the group as there are only a few places left.



**WHAT YOU WILL NEED:**  
Some of the walks will be quite challenging so you will need to be fit and healthy. You will obviously need good walking shoes. We will be away for a full week so you will require enough clothes for the holiday. The weather in South Wales in August can be unpredictable so be prepared for strong winds and heavy showers as well as the possibility of bright sunshine.



**SCHEDULE:**  
We will be setting off on the holiday from the Outgrove Park centre. The coach will leave at 9:00am on Saturday 5 August and return to Outgrove Park at about 10:00pm on Sunday 13 August. The full schedule is shown in this table.

Saturday	Travel from Outgrove to St Dogmaels in Pembrokeshire	
Sunday	Walk from St Dogmaels to Newport	Distance 25 kilometres
Monday	Walk from Fishguard to Pwll Deni	Distance 15 kilometres
Tuesday	Walk from Porthgain to Whitesands	Distance 16 kilometres
Wednesday	Walk from Solva to Broad Haven	Distance 20 kilometres
Thursday	Walk from Martin's Haven to Dale Trip to see Carew Castle	Distance 16 kilometres
Friday	Walk from Neyland to Angle	Distance 26 kilometres
Saturday	Walk from Angle to Freshwater West	Distance 16 kilometres
Sunday	Walk from Skellok to Amroth Return to Outgrove Park	Distance 23 kilometres

**CONTACT:**  
Leonie can be contacted using these details.  
Telephone: 0141 496 0123  
Email: leonie.desailly@outgroverambler.org

1	Title (PEMBROKESHIRE COAST WALK) from WALK at top of page Title label removed. Sensible capitalisation	1	30	2
2	Logo inserted at top or bottom of page, above or level with title, or below text	1	30	2
3 4	0141 496 0123, leonie.desailly@outgroverambler.org <b>Award 2 marks</b> for both contact details entered without error, prompt text deleted and no additional contact details included <b>Award 1 mark</b> for one contact detail entered without error, prompt text deleted and no additional contact details included <b>or both</b> contact details entered without error but prompt text not deleted or with additional contact details included	2	30	2
5	Text from WALK entered as given including 4 subheadings	1	26	2
6	<b>Only</b> the schedule from the file PEMBROKE entered in appropriate location Ignore subheading. Schedule should be complete	1	30	2
7	Schedule formatted as a table – minimum size 2 x 9 (or 9 x 2)	1	26	2
8	Subheadings and body text formatted appropriately and consistently	1	26	2
9	Two suitable images from IMAGES folder. Do not accept cyclist, plane or tennis	1	27	2
10	Images suitable size and located appropriately. No distortion	1	27	2
11	Document fit for purpose. All marks 1 to 10 and document balanced and fits to one A4 page, portrait. Table has appropriate borders and sensible balance. Suitable capitalisation. No spelling errors.	1	30	2
<b>Total for Task WP1</b>		<b>11</b>		

**INTERNATIONAL GCSE ICT (4IT0/02)**  
**June 2017 Mark Scheme**

Task	ANSWER	Marks	LO	AO
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Task WP2				
(a)	1 2	Linked response including identification and expansion / explanation <ul style="list-style-type: none"> <li>• some words are not in the computer dictionary (1) such as names which need to be checked (1)</li> <li>• some words may be the incorrect word in the context (1) (e.g. their and there) / grammar issues (1)</li> <li>• the computer dictionary may have been corrupted (1) incorrect spellings added by others/mistake (1)</li> <li>• incorrect language settings (1) e.g colour/color / set to US English rather than UK English (1)</li> <li>• the use of autocomplete / predictive text (1) some words may be the incorrect word in the context (1)</li> <li>• spellcheckers cannot identify factual/numerical errors (1) e.g. incorrect name of capital city (e.g. Paris is capital of Germany) / incorrect date/amount (1)</li> </ul>	<b>2</b>	31 1
(b)	1 2	Linked response including identification and expansion / explanation <ul style="list-style-type: none"> <li>• table provides a consistent layout (1) making it easier to find information (1)</li> <li>• easier to read (1) table provides a structured layout for linked information (1)</li> <li>• table has a structured layout (1) making it easier to check that all information is included (1)</li> </ul>	<b>2</b>	26 1
<b>Total for Task WP2</b>			<b>4</b>	

**TOTAL FOR ACTIVITY 5**    **15**

