

Decision 1 Sorting Answers

2	<u>18</u> 23 12 7 26 19 16 24	M1		SCA
		M1		consistent points
	12 7 16 <u>18</u> <u>23</u> 26 19 24	A1		1 st pass
	7 <u>12</u> 16 <u>18</u> 19 <u>23</u> <u>26</u> 24	A1		2 nd pass
	<u>7</u> <u>12</u> <u>16</u> <u>18</u> <u>19</u> <u>23</u> 24 <u>26</u>	A1	5	all correct
Total			5	

(2)(a)	<u>18 2</u> 12 7 26 19 16 24 <u>2</u> 18 12 7 26 19 16 24 <u>2 12 18 7</u> 26 19 16 24 <u>2 7 12 18 26</u> 19 16 24 <u>2 7 12 18 26 19</u> 16 24 <u>2 7 12 18 19 26 16</u> 24 <u>2 7 12 16 18 19 26 24</u> <u>2 7 12 16 18 19 24 26</u>	M1		Shuttle SCA												
		A1		1 st Pass												
		A1		3 rd Pass												
		A1		4 th Pass												
		A1	5	All correct												
(b)	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Pass</th> <th style="width: 33%;">C</th> <th style="width: 33%;">S</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>2</td> <td>1</td> </tr> <tr> <td>3</td> <td>3</td> <td>2</td> </tr> </tbody> </table>	Pass	C	S	1	1	1	2	2	1	3	3	2	B1	3	SC All C correct B1 or all S correct B1 or 6,4 scores B1
Pass	C	S														
1	1	1														
2	2	1														
3	3	2														
Total			8													

4(a)	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Comparisons</th> <th style="width: 50%;">Swaps</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">6</td><td style="text-align: center;">5</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">4</td><td style="text-align: center;">2</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">1</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">0</td></tr> </tbody> </table>	Comparisons	Swaps	6	5	5	3	4	2	3	1	2	0	B1B1		Other 3 comparisons
Comparisons	Swaps															
6	5															
5	3															
4	2															
3	1															
2	0															
		B1B1		Other 3 swaps. Ignore 6 th pass												
		B1	6													
		B1														
(b)	21	B1	2													
	21	B1	2													
Total			8													

2(a)	<u>28</u>	22	20	<u>17</u>	<u>14</u>	11	<u>6</u>	<u>5</u>	M1		SCA
	14				28						
		11					22				
			6					20			
			5					17	M1		4 sublists correct 1 st pass
	<u>14</u>	11	<u>6</u>	5	<u>28</u>	22	<u>20</u>	17	A1		
	6		14		20		28				
		5		11		17		22	M1		2 sublists
	6	5	14	11	20	17	28	22			
	5	6	11	14	17	20	22	28	A1	5	All correct
(b)(i)	4								B1		
(ii)	4								B1	2	
(c)	28								B1	1	
Total										8	
