

AQA Computer Science A-Level
4.12.3 Lists in functional programming
Past Paper Mark Schemes

June 2017 Paper 2

06	1	Marks is for AO2 (apply) 10; A. [10] this time	1
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Specimen Paper 2

12	1	Marks is for AO1 (understanding) <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td style="padding: 2px;">Head</td><td style="padding: 2px;">1</td></tr><tr><td style="padding: 2px;">Tail</td><td style="padding: 2px;">[2, 3, 4]</td></tr></table> 1 mark for both head and tail correct. I. if brackets are missing in tail.	Head	1	Tail	[2, 3, 4]	1
Head	1						
Tail	[2, 3, 4]						

12	2	Mark is for AO2 (apply) [2, 4, 6, 8]; I. if brackets are missing in tail.	1
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12	3	All marks AO1 (understanding) 1 mark: Explaining that map applies the function double to each list element; 1 mark: Explaining that map applies double to the head of the list; 1 mark: and then a recursive call is made on the tail of the list;	3
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