

A3 Marking scheme, Total 100%

Q1 30%

1.1 10%

a program submitted	1%
program compiles:	1%
correct results:	6%
running time displayed	2%

1.2 20%

a program submitted	2%
program compiles:	2%
correct results by a presorting algorithm:	14%
running time displayed	2%

Q2 70%

2.1 10%

a program submitted	1%
program compiles:	1%
correct results:	6%
number of shifts and running time displayed	2%

2.2 20%

a program submitted	2%
program compiles:	2%
correct results by Horspool algorithm:	14%
number of shifts and running time displayed	2%

2.3 30%

a program submitted	2%
program compiles:	2%
correct results by BM algorithm:	24%
number of shifts and running time displayed	2%

2.4 10%