

## Marking scheme for Question 1

	Mark
Required menu structure and exit message.	10
Correctly inputs and creates the key. If options 2 and 3 fail, marks may still be awarded if this can be shown, for example by an extra menu option.	10
Correctly reads in and filters messages to be coded. Output of what decoded message will look like is correct.	10
Outputs correctly encoded messages.	15
Outputs correctly decoded messages.	15
All program output is correct (format included). Only available if all requirements of question are fulfilled.	10
Total marks available for Question 1	70

## Marking scheme for Question 2

	Mark
Question 2.1 including explanation.	5
Question 2.2 - any suitable form.	5
Question 2.3 with good description of a valid technique.	5
Question 2.4 to within a few orders of magnitude and with justification.	5
Question 2.5	5
Marks for clear handwriting and concise answers.	5
Total marks available for Question 2	30
Total marks available BIO 1995 Round One	100