

ANSWER SHEETS**INSTRUCTIONS TO STUDENTS**

1. This document consists of **TWELVE (12)** printed pages.
2. Fill in your Student Number clearly below and at the top of pages 3, 5, 7, 9 and 11 (if you write on page 11).

STUDENT NO.:

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(Write your Student Number legibly with a pen.)

<i>For examiners' use only</i>		
<i>Question</i>	<i>Max</i>	<i>Marks</i>
Q1-6	12	
Q7-10	14	
Q11	24	
Q12	8	
Q13	10	
Q14	12	
<i>Total</i>	80	

Section A.

Q1

Q2

Q3

Q4

Q5

Q6

Section B.

Q7.

[3 marks]

Q8.

[4 marks]

mat	0	1	2	3	4	5	6	7
0								
1								
2								
3								
4								
5								
6								
7								

Q9.

[3 marks]

Q10.

[4 marks]

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CS1010

Section C.

Q11. (a) readCustomers()

[5 marks]

```
int readCustomers(cust_t customers[]){
```

```
}
```

Q11. (b) computeSimilarity()

```
float computeSimilarity(char name1[], char name2[]){
```

```
}
```

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Q11. (c) findDuplicates()

[8 marks]

```
int findDuplicates(cust_t customers[], int size,  
                  int index, cust_t duplicates[]){
```

```
}
```

Q11. (d) sortDuplicates()

```
void sortDuplicates(cust_t customer,  
                   cust_t duplicates[], int size){
```

```
}
```

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[8 marks]

Q12. translate()

```
void translate(char sentence[], char output[]) {
```

```
}
```


Q14. determinant()

```
int determinant(int mtx[][10], int size) {
```

```
}
```

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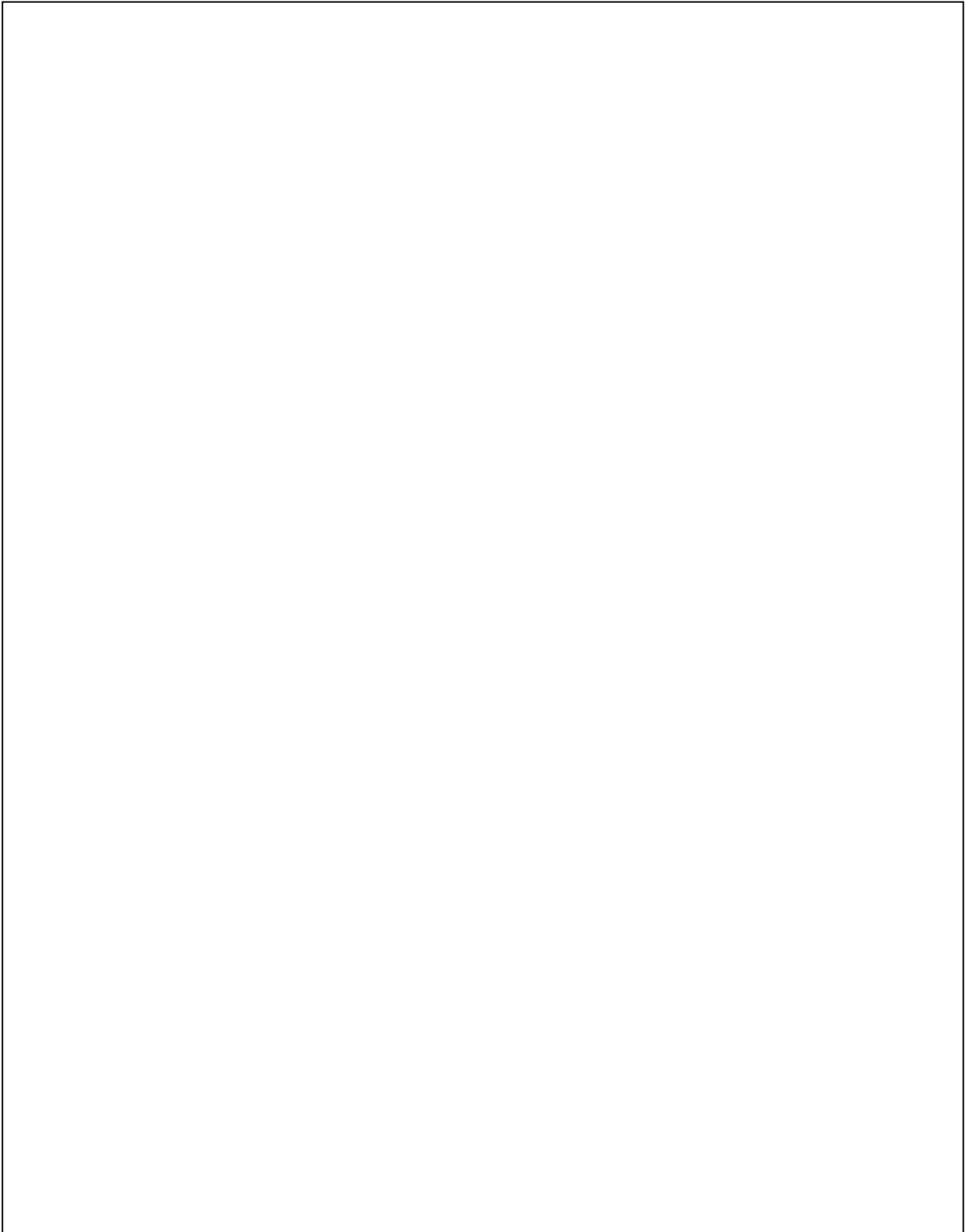
Do **NOT** use it for your rough work.

Use it **ONLY** if you need extra space for your answer, in which case please indicate the **question number clearly**.

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Do **NOT** use it for your rough work.

Use it **ONLY** if you need extra space for your answer, in which case please indicate the **question number clearly**.



— **END OF PAPER** —