

CS1020 Data Structures and Algorithms I

ANSWER SHEETS

INSTRUCTIONS TO CANDIDATES

1. This document consists of **EIGHT (8)** printed pages.
2. Fill in your Matriculation Number clearly below and at the top of pages 3 and 5.
3. The last two blank pages (pages 7 and 8) may be used if you need more space to write your answers.

MATRICULATION NO.:

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(Write your Matriculation Number legibly with a pen.)

<i>For examiners' use only</i>		
<i>Question</i>	<i>Max</i>	<i>Marks</i>
Q1-6	6	
Q7	2	
Q8	6	
Q9	6	
Q10	7	
Q11	13	
<i>Total</i>	40	

MCQs

Q1.

Q2.

Q3.

Q4.

Q5.

Q6.

Q7.

[2 marks]

a.
b.

Q8. Output of TestS:

[6 marks]

--

Q11.

(a)

[6 marks]

```
public static MyRect
    boundingRect(
)
{
}
}
```

Q11.

(b)

[7 marks]

```
public static double
    minDistBtwPair (
{
}
}
```

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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**.

A large, empty rectangular box with a thin black border, occupying most of the page. It is intended for students to write their answers to questions, with the instruction to clearly indicate the question number.

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— **END** —