

Paper Reference 9FM0/3D
Pearson Edexcel
Level 3 GCE

Total Marks

Further Mathematics
Advanced
PAPER 3D: Decision Mathematics 1

Friday 21 June 2024 – Afternoon
Time: 1 hour 30 minutes

Answer Booklet

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

Read the instructions on the next page.

Q75688A

INSTRUCTIONS

Do not return the Question Paper with the Answer Booklet.

**THIS ANSWER BOOKLET MUST BE
RETURNED WITH THE DIAGRAM BOOKLET AT
THE END OF THE EXAMINATION.**

1. 17 8 16 12 24 19
 23 11 20 13 4

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Turn over

4

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

[illegible]

Turn over

5

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

[illegible]

Turn over

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

[illegible]

Turn over

7

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

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Turn over

8

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

[illegible]

Turn over

1. continued.

17	8	16	12	24	19
23	11	20	13	4	

(Total for Question 1 is 7 marks)

2. Refer to Diagram 1 and Diagram 2 in the Diagram Booklet.

Answer lines continue on the next five pages.

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2. continued.

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2. continued.

[illegible]

Turn over

2. continued.

[illegible]

Turn over

2. continued.

[illegible]

Turn over

2. continued.

[illegible]

(Total for Question 2 is 13 marks)

3. Refer to Diagram 3 and Diagram 4 in the Diagram Booklet.

Answer lines continue on the next five pages.

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3. continued.

[illegible]

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3. continued.

[illegible]

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(Total for Question 3 is 13 marks)

Turn over

4. Refer to Diagram 5 and Diagram 6 in the Diagram Booklet.

Answer lines continue on the next eight pages.

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4. continued.

[illegible]

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4. continued.

[illegible]

Turn over

4. continued.

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4. continued.

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4. continued.

[illegible]

Turn over

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4. continued.

[illegible]

Turn over

4. continued.

(Total for Question 4 is 8 marks)

5. Refer to Diagram 7 in the Diagram Booklet.

Answer lines and tables continue on the next seven pages.

[illegible]

Turn over

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Turn over

5. continued.

b.v.	x	y							Value
P									

(continued on the next page)

Turn over

5. continued.

Spare copy

b.v.	x	y							Value
P									

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5. continued.

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5. continued.

(Total for Question 5 is 9 marks)

- 6. Refer to Diagram 8 and Diagram 9 in the Diagram Booklet.**

Answer space and lines continue on the next five pages.

6. continued.

Turn over

6. continued.

6. continued.

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Turn over

6. continued.

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6. continued.

(Total for Question 6 is 11 marks)

7. Refer to Diagram 10 and Diagram 11 in the Diagram Booklet.

Answer lines and tables continue on the next nine pages.

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7. continued.

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Turn over

7. continued.

b.v.	x	y	z	s ₁	s ₂	s ₃	Value	Row Ops
P								

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Turn over

7. continued.

Spare copy

b.v.	x	y	z	s ₁	s ₂	s ₃	Value	Row Ops
P								

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Turn over

7. continued.

[illegible]

(Total for Question 7 is 14 marks)

TOTAL FOR PAPER IS 75 MARKS

END OF PAPER