

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

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Candidate Number

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Sample Assessment Material for first teaching September 2017

Paper Reference **8FM0/27**

Further Mathematics

Advanced Subsidiary

Further Mathematics options

27: Decision Mathematics 1

(Part of options D, F, H and K)

Answer Book

Do not return the question paper with the answer book.

Total Marks

Turn over ►

S60746A

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1/




Pearson

Leave blank

1.

You may not need to use all the rows in this table.

It may not be necessary to complete all boxes in each row.

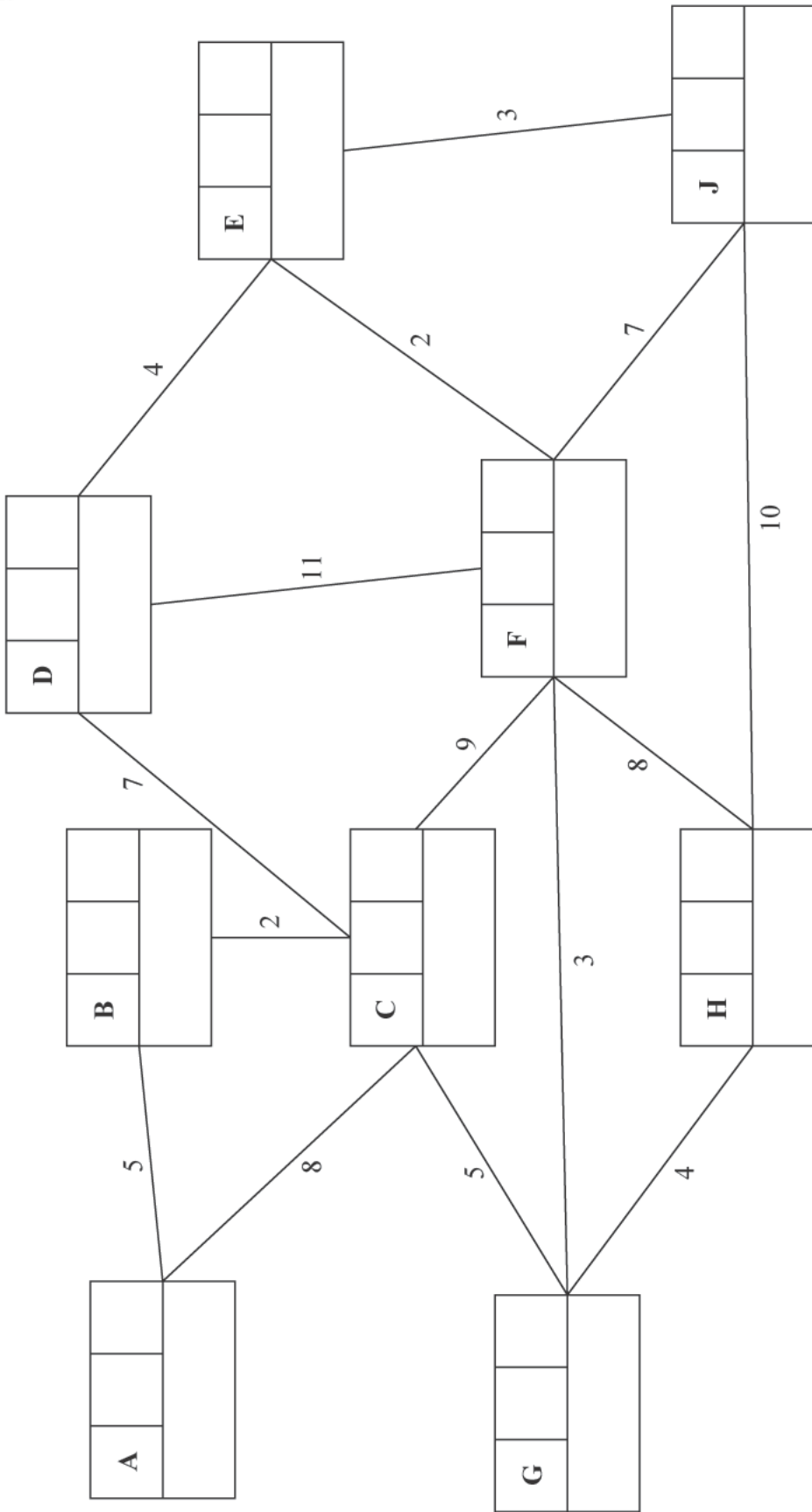
n	A	B	C	Is $B > 0$?

Final output: _____

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA



2.



Shortest path: _____

Length of shortest path: _____

Key:

Vertex	Order of labelling	Final value
Working values		

Leave blank

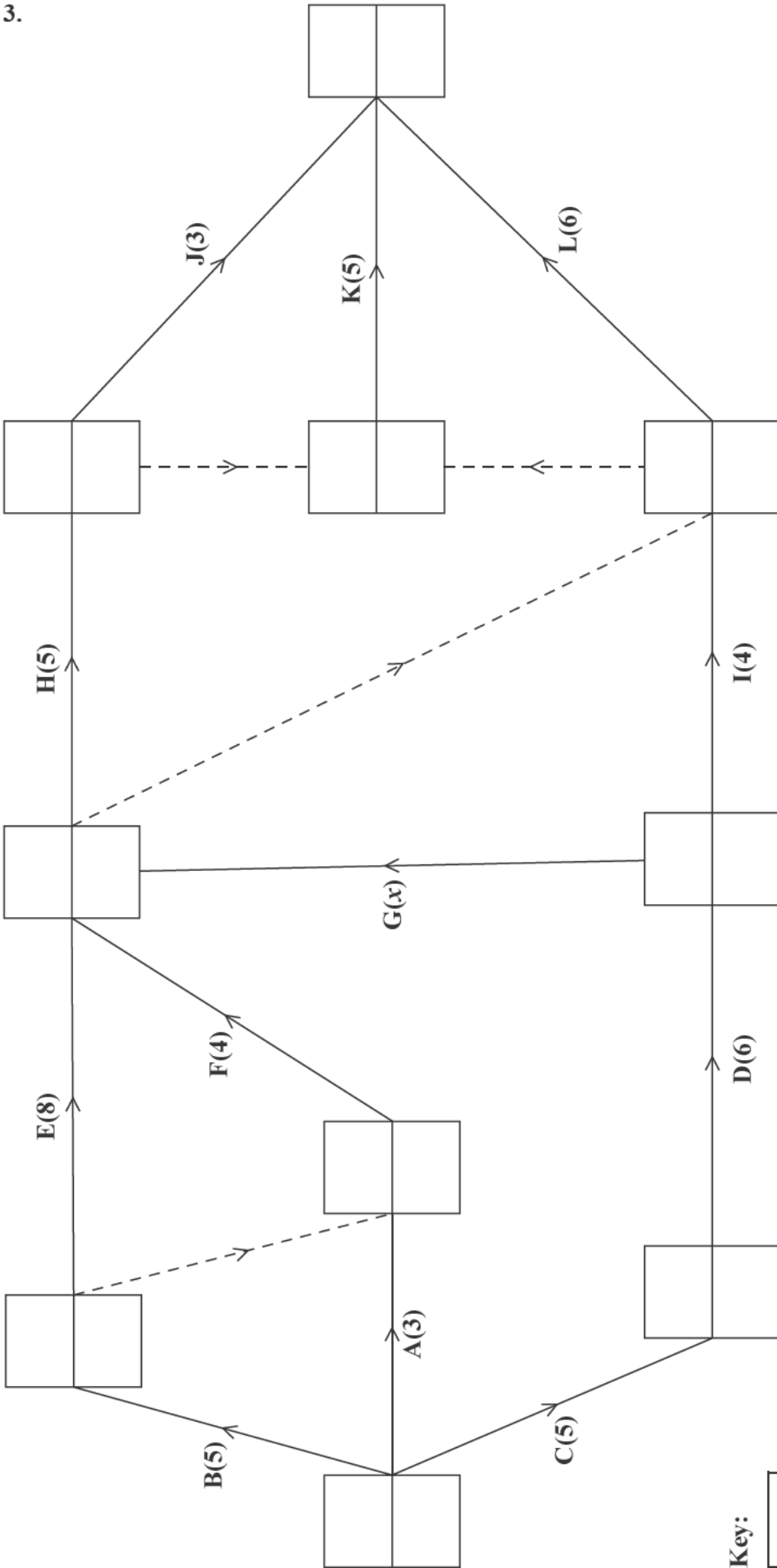
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3.



Key:

Early event time
Late event time

Diagram 1

Leave blank

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Question 3 continued

Lined area for writing answers.

Leave blank

(Total 9 marks)

Q3



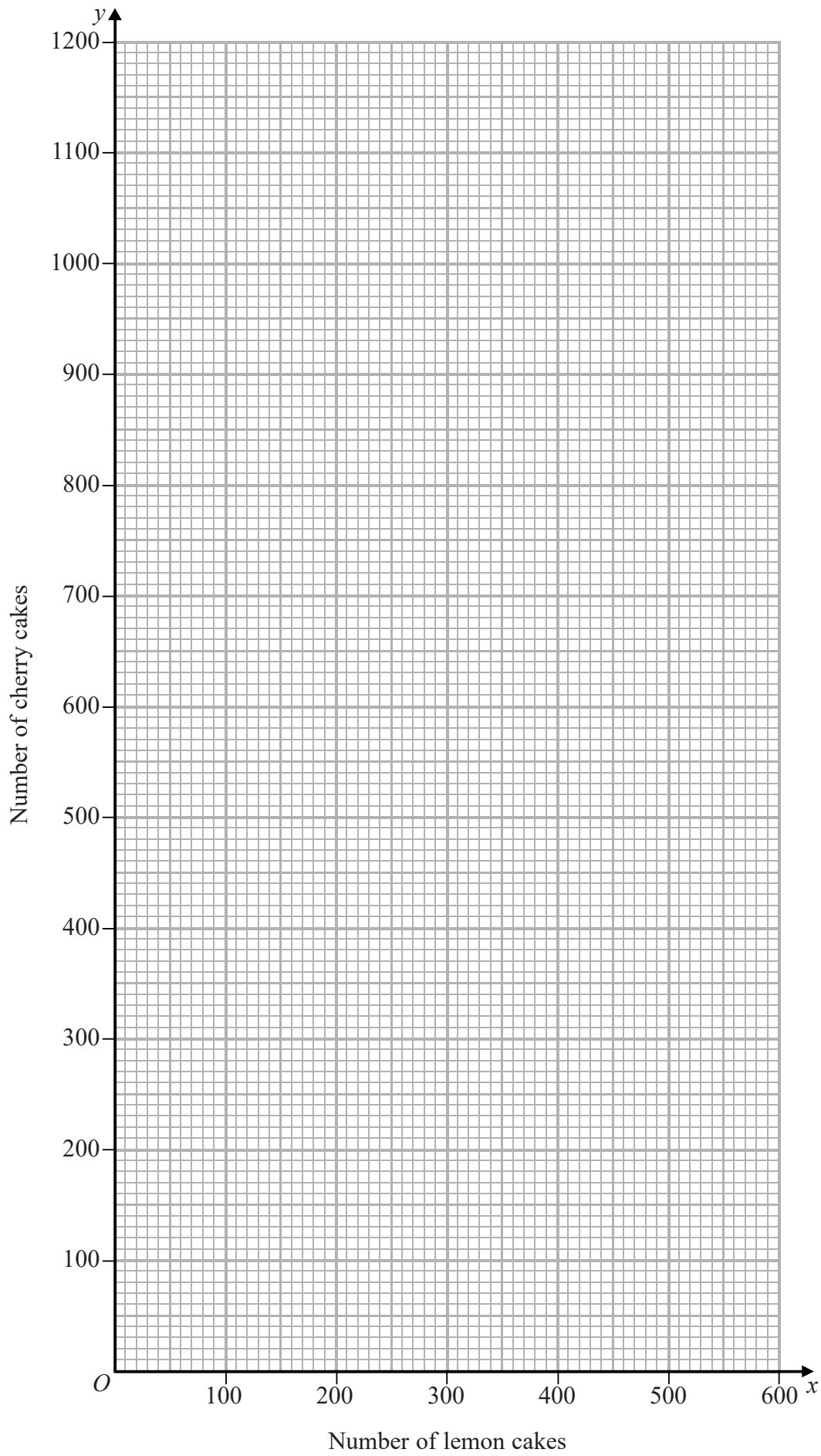
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Leave blank

Question 4 continued



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Question 4 continued

Lined writing area for the answer to Question 4.

Leave blank



Leave blank

Question 4 continued

Lined area for writing answers to Question 4.

Q4

(Total 14 marks)

TOTAL FOR DECISION MATHEMATICS 1 IS 40 MARKS

END

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DO NOT WRITE IN THIS AREA

