

Write your name here

Surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

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Candidate Number

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Further Mathematics

Advanced Subsidiary

Further Mathematics options

27: Decision Mathematics 1

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

Thursday 17 May 2018 – Afternoon

Paper Reference

8FM0-27

Answer Book

Do not return the question paper with the answer book.

Total Marks

Turn over ►

P60208A

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1/1/1/



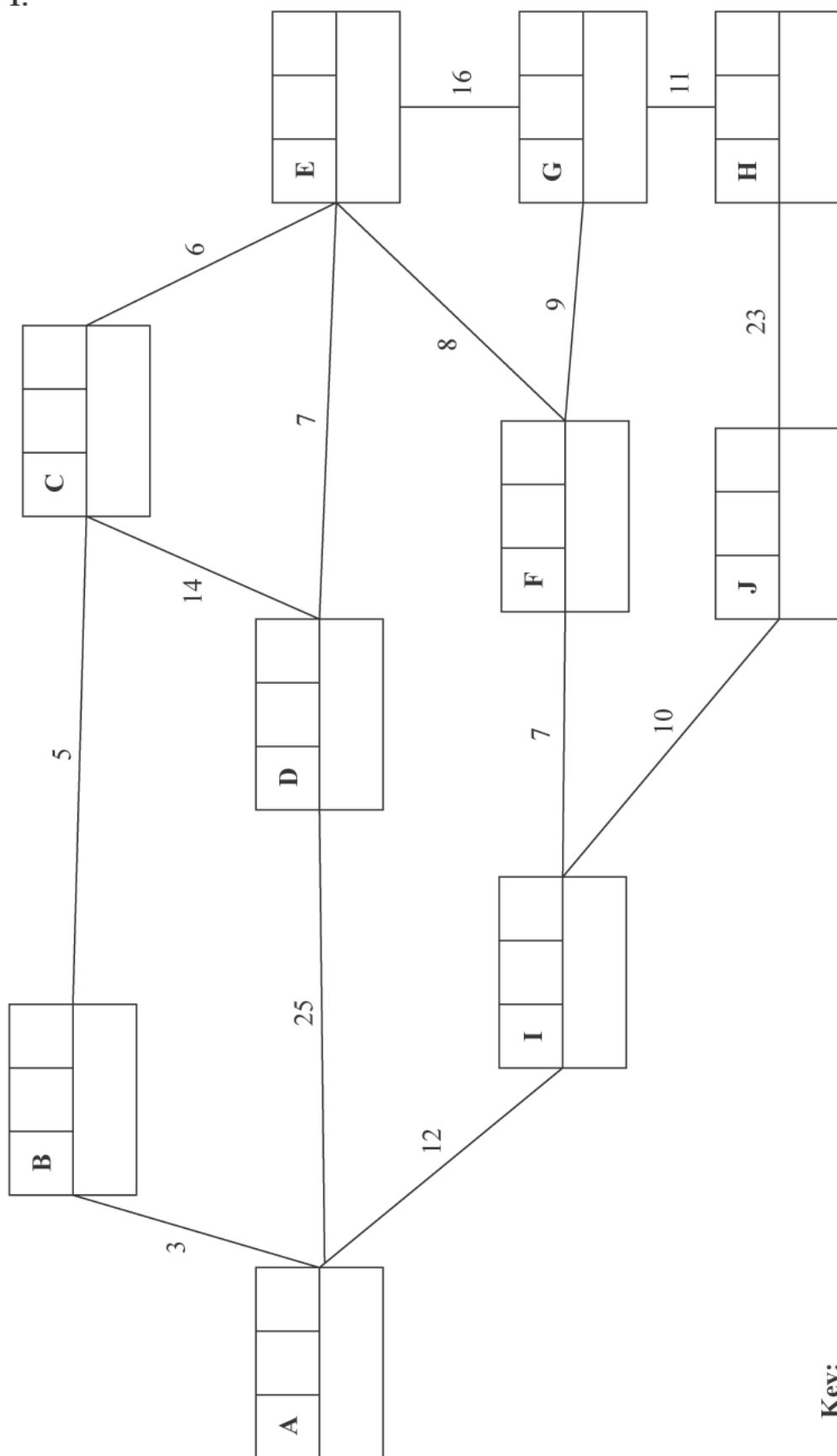
P 6 0 2 0 8 A 0 1 1 2



Pearson

Leave blank

1.



Key:

Vertex	Order of labelling	Final value
Working values		

Shortest time: _____

Quickest route: _____



DO NOT WRITE IN THIS AREA

Q1

8



Leave
blank

2.

Minimum number of arcs: _____

Maximum number of arcs: _____

(b) (i)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

Question 2 continued

Turn over



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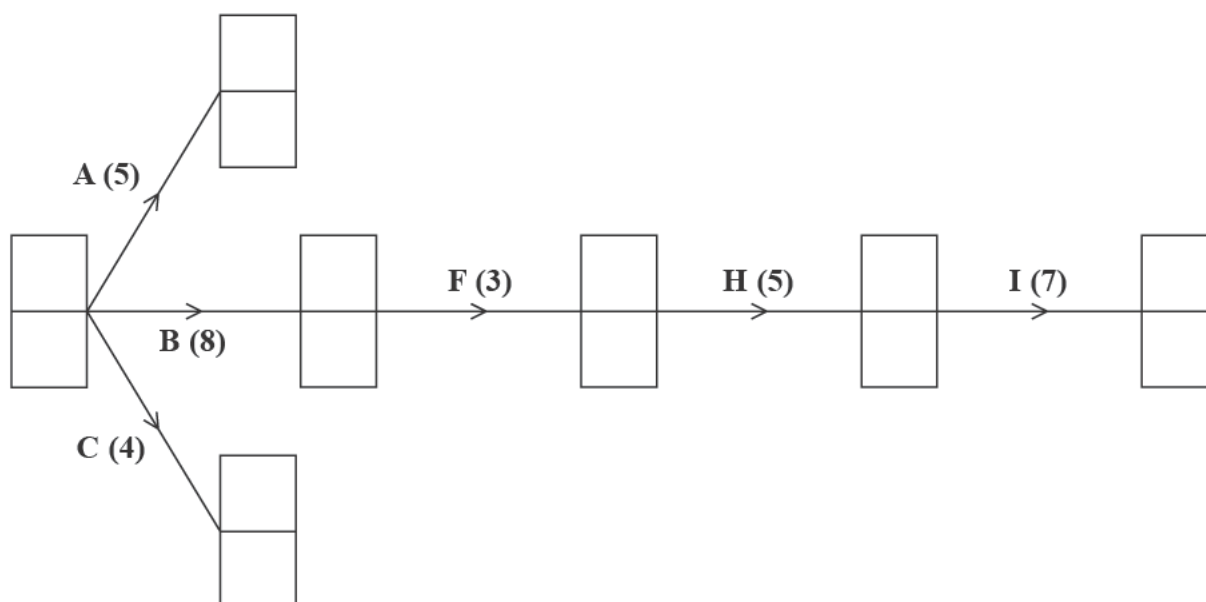
DO NOT WRITE IN THIS AREA

Q2

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3.



Key:

Early event time
Late event time

Diagram 1



DO NOT WRITE IN THIS AREA

Q3

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blank

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

4.

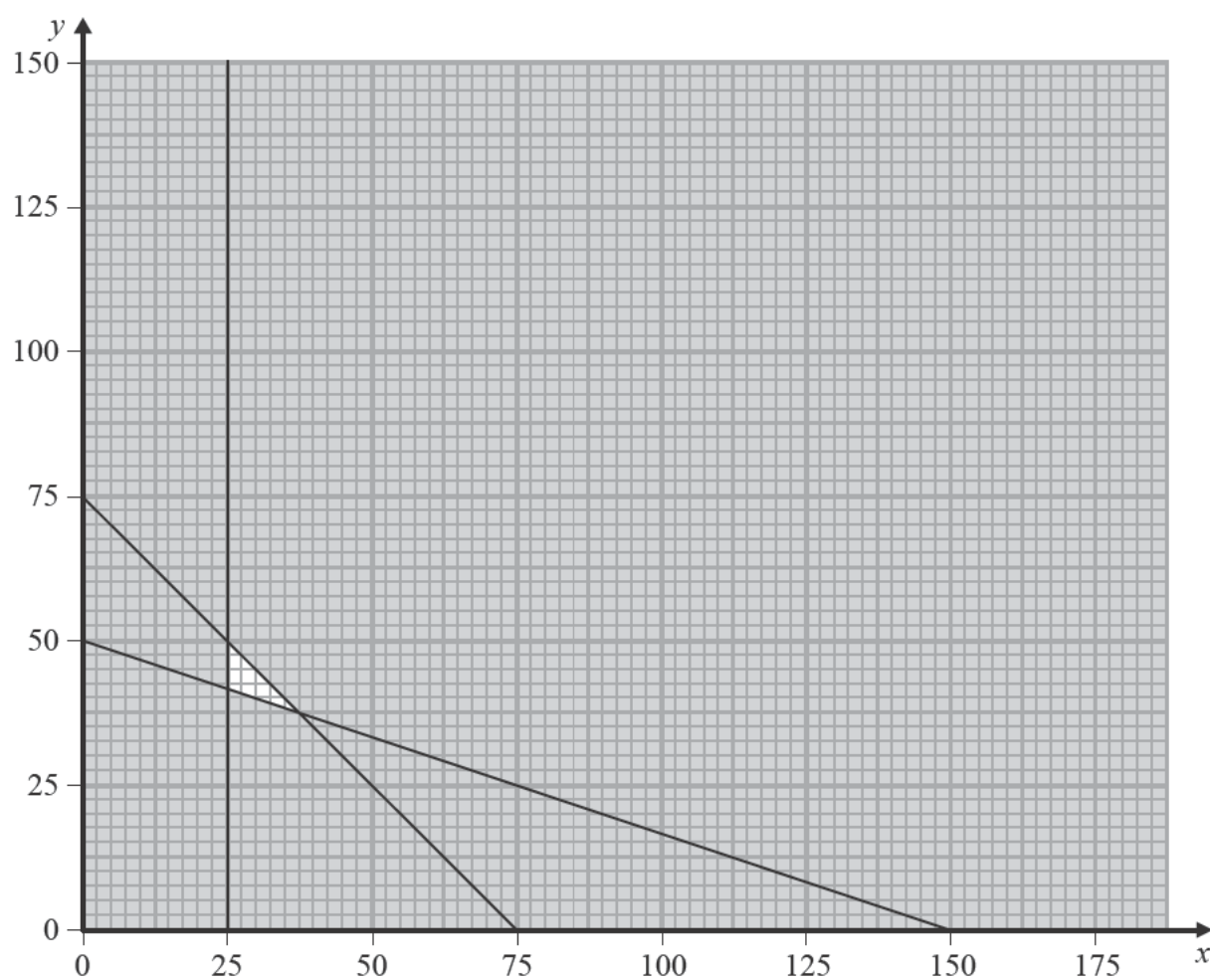


Diagram 1



DO NOT WRITE IN THIS AREA

Question 4 continued

[illegible]

DO NOT WRITE IN THIS AREA

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DO NOT WRITE IN THIS AREA

10

[illegible]

END