

Write your name here

Surname	Other names
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Pearson
Edexcel GCE

Centre Number

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Candidate Number

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Decision Mathematics D1

Advanced/Advanced Subsidiary

Friday 17 June 2016 – Afternoon
Time: 1 hour 30 minutes

Paper Reference
6689/01

Answer Book

Do not return the question paper with the answer book.

Total Marks

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Turn over ►

P46678A

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1/1/1/e2



PEARSON

Leave
blank

2.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

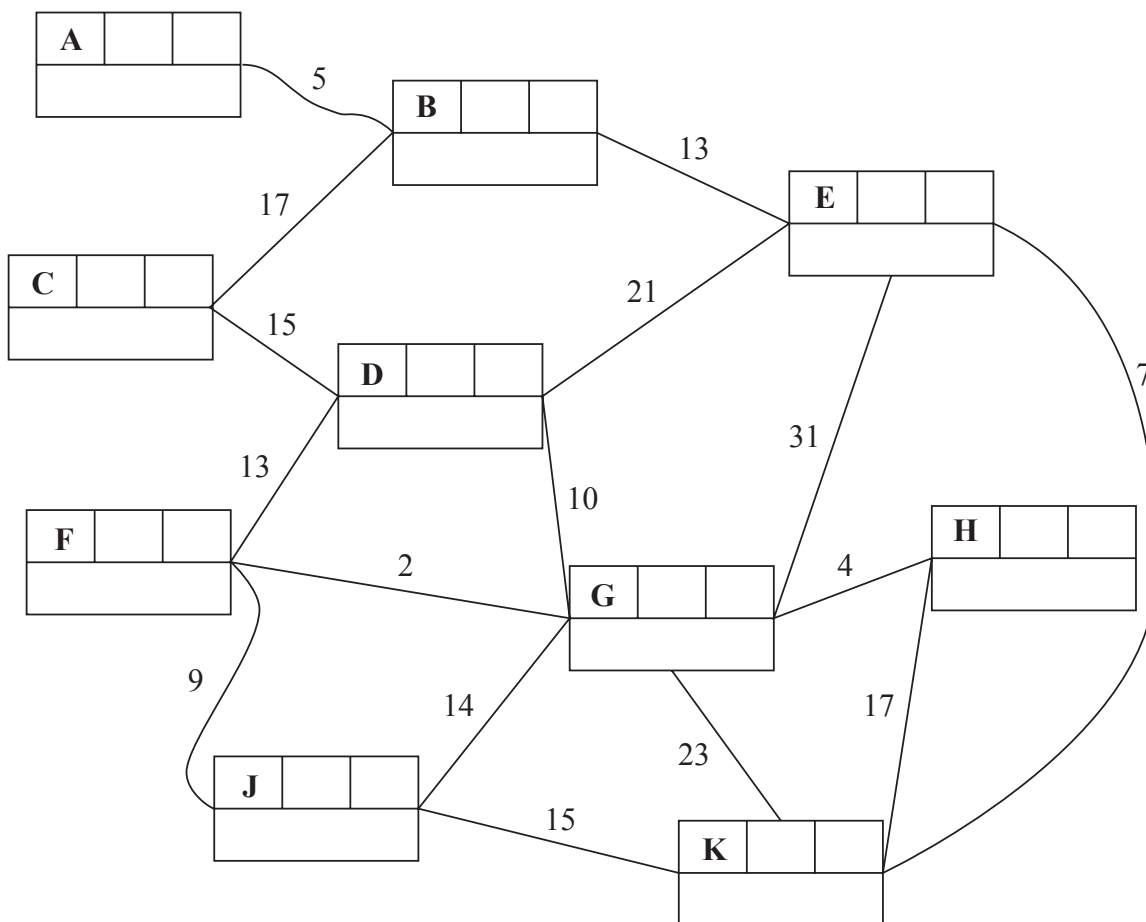
DO NOT WRITE IN THIS AREA

Q2

(Total 5 marks)



4.



Key:

Vertex	Order of labelling	Final value
Working values		

Shortest path:

Length of shortest path:

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



7. (a) _____

(b)

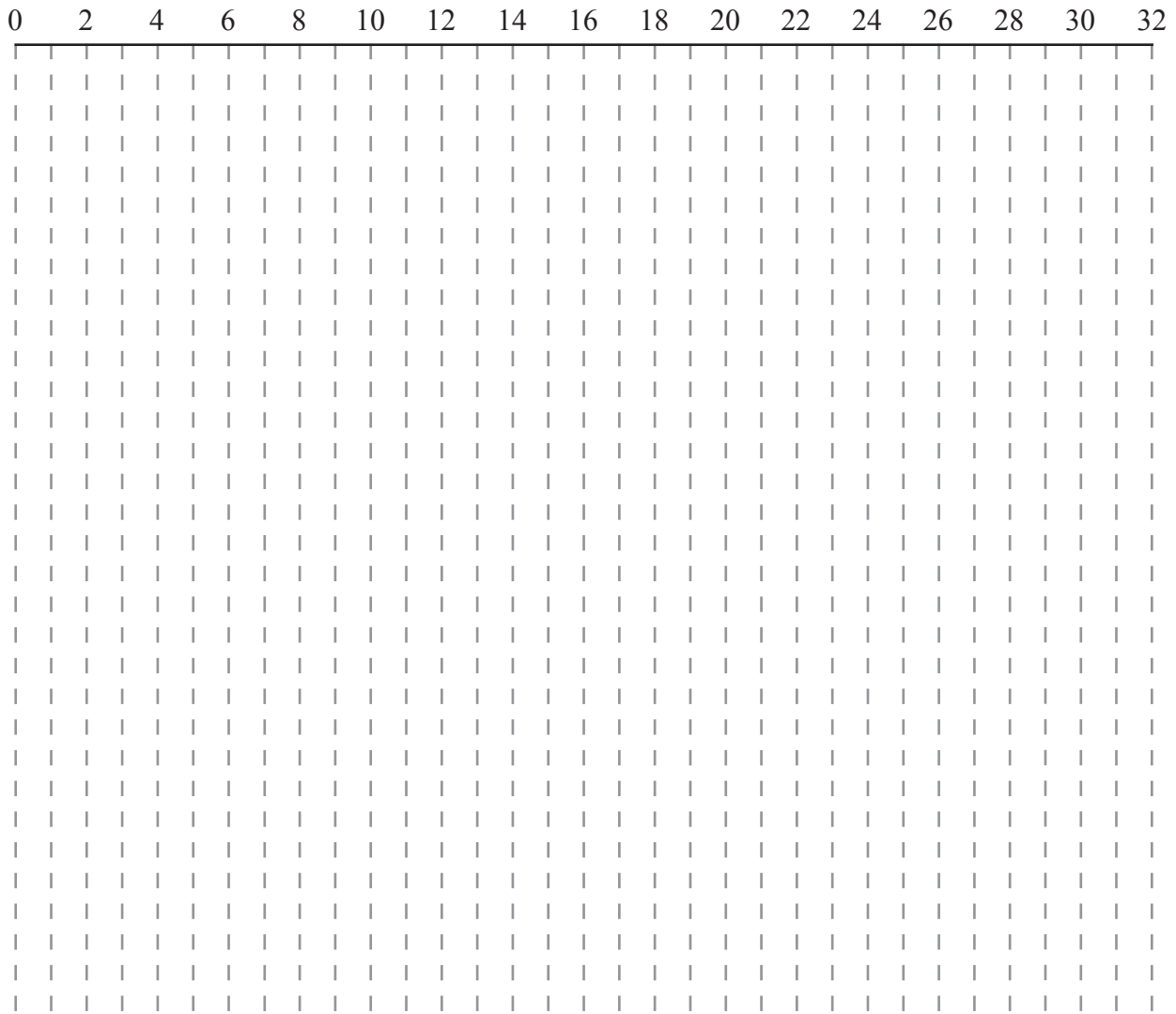


Diagram 1

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



Question 7 continued

(c)

(d)

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

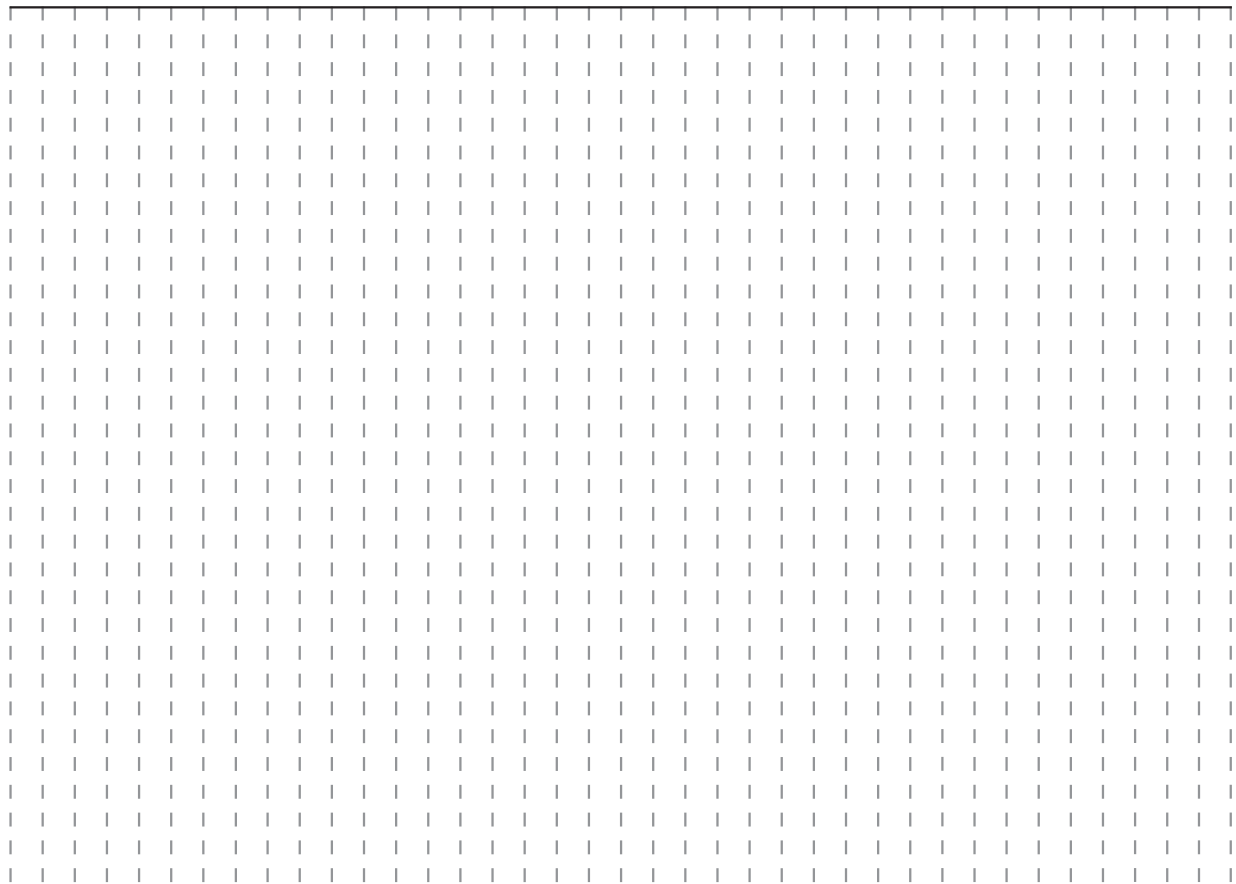


Diagram 2

(Total 12 marks)

Q7

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DO NOT WRITE IN THIS AREA

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