

Write your name here

Surname	Other names
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**Pearson Edexcel**  
**International**  
**Advanced Level**

Centre Number

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Candidate Number

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# Decision Mathematics D1

## Advanced/Advanced Subsidiary

Tuesday 20 January 2015 – Morning  
**Time: 1 hour 30 minutes**

Paper Reference  
**WDM01/01**

**Answer Book**

Do not return the question paper with the answer book.

Total Marks

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Turn over ►

P45059A

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5/5/1/1/1















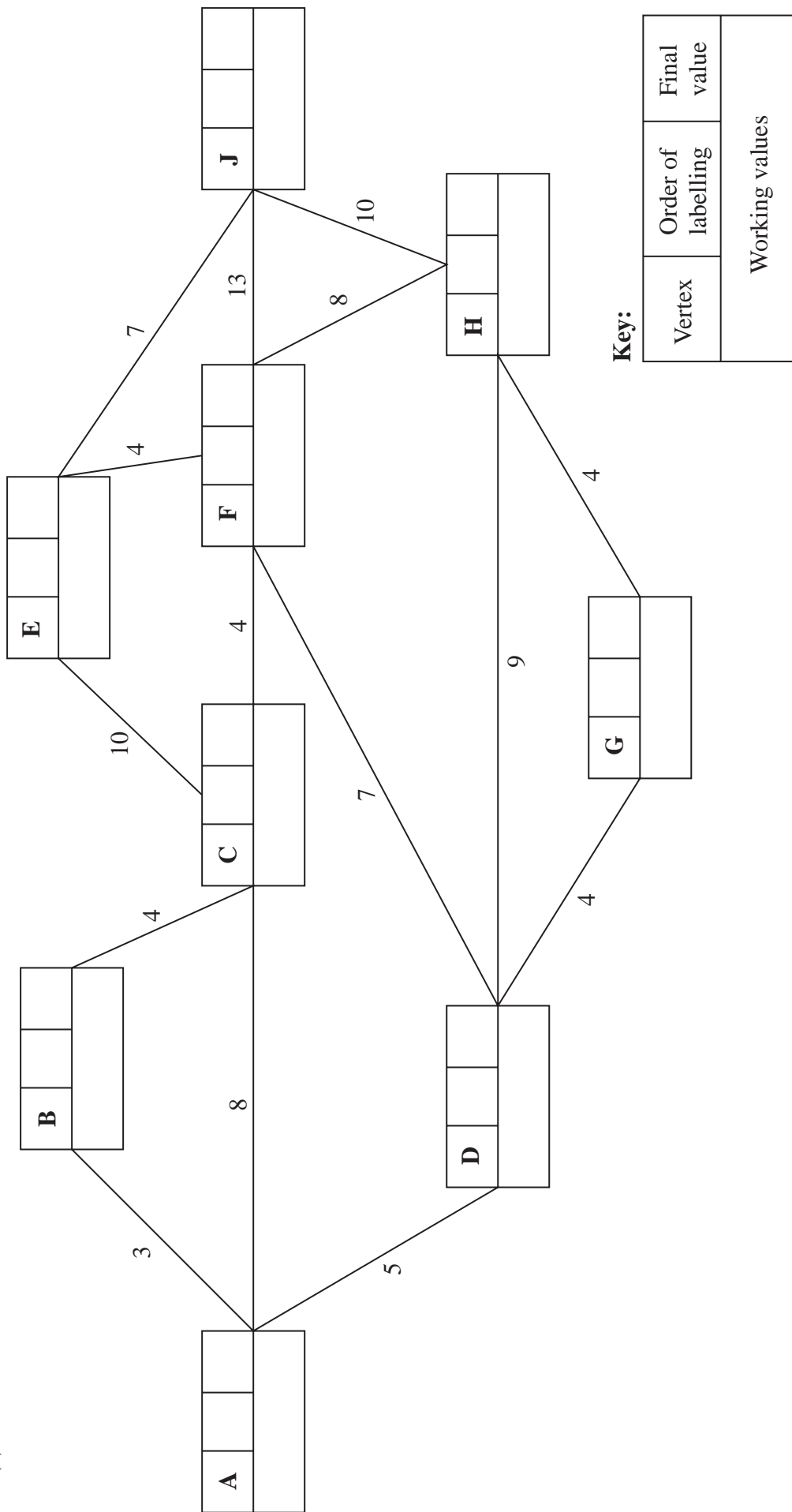






Leave blank

4. (a)



**Key:**

Vertex	Order of labelling	Final value
Working values		

Shortest path \_\_\_\_\_

Length of shortest path \_\_\_\_\_



Leave  
blank

**Question 4 continued**

A large rectangular area containing 20 vertical lines, intended for writing the answer to Question 4.



Leave  
blank

**Question 4 continued**

A large rectangular area containing 20 vertical lines, intended for writing the answer to Question 4.



Leave  
blank

Question 4 continued

Blank lined area for writing answers.

(Total 16 marks)

Q4

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Leave  
blank

5. (a)











Leave blank

7. (a)

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(b)

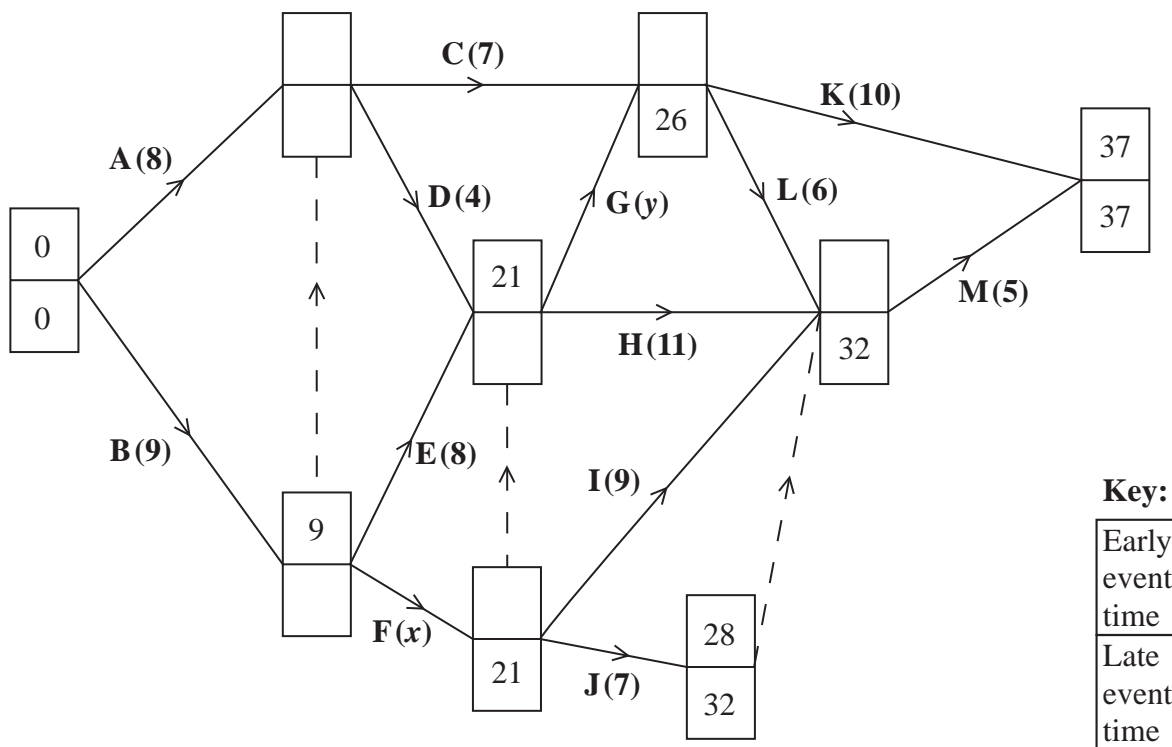


Diagram 1



Leave blank

**Question 7 continued**

(c)

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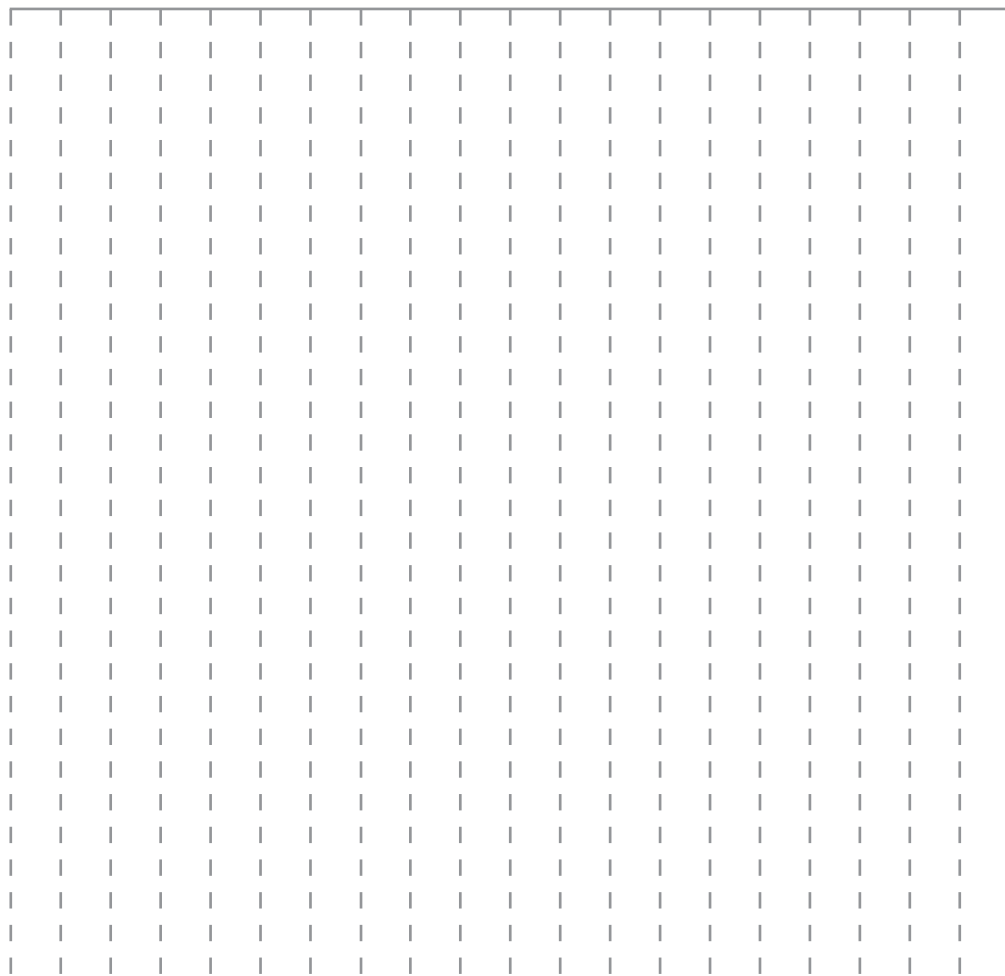
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(d)

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40



**Grid 1**

(e)

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**(Total 12 marks)**

**Q7**

**TOTAL FOR PAPER: 75 MARKS**

**END**

