

Please check the examination details below before entering your candidate information

Candidate surname	Other names
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**Pearson Edexcel**  
**International**  
**Advanced Level**

Centre Number

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Candidate Number

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Sample Assessment Materials for first teaching September 2018

(Time: 1 hour 30 minutes)	Paper Reference <b>WDM11/01</b>
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**Mathematics**  
**International Advanced Subsidiary/Advanced Level**  
**Decision Mathematics D1**

**Answer Book**  
Do not return the question paper with the answer book.

Total Marks

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Turn over ►

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1/1/1/1/1/1



Pearson



## Question 1 continued

(b)

	A	B	C	D	E	F
A	–	122	217	137	109	82
B	122	–	110	130	128	204
C	217	110	–	204	238	135
D	137	130	204	–	98	211
E	109	128	238	98	–	113
F	82	204	135	211	113	–

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(c)

	A	B	C	D	E	F
A	–	122	217	137	109	82
B	122	–	110	130	128	204
C	217	110	–	204	238	135
D	137	130	204	–	98	211
E	109	128	238	98	–	113
F	82	204	135	211	113	–

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(Total for Question 1 is 8 marks)

Q1







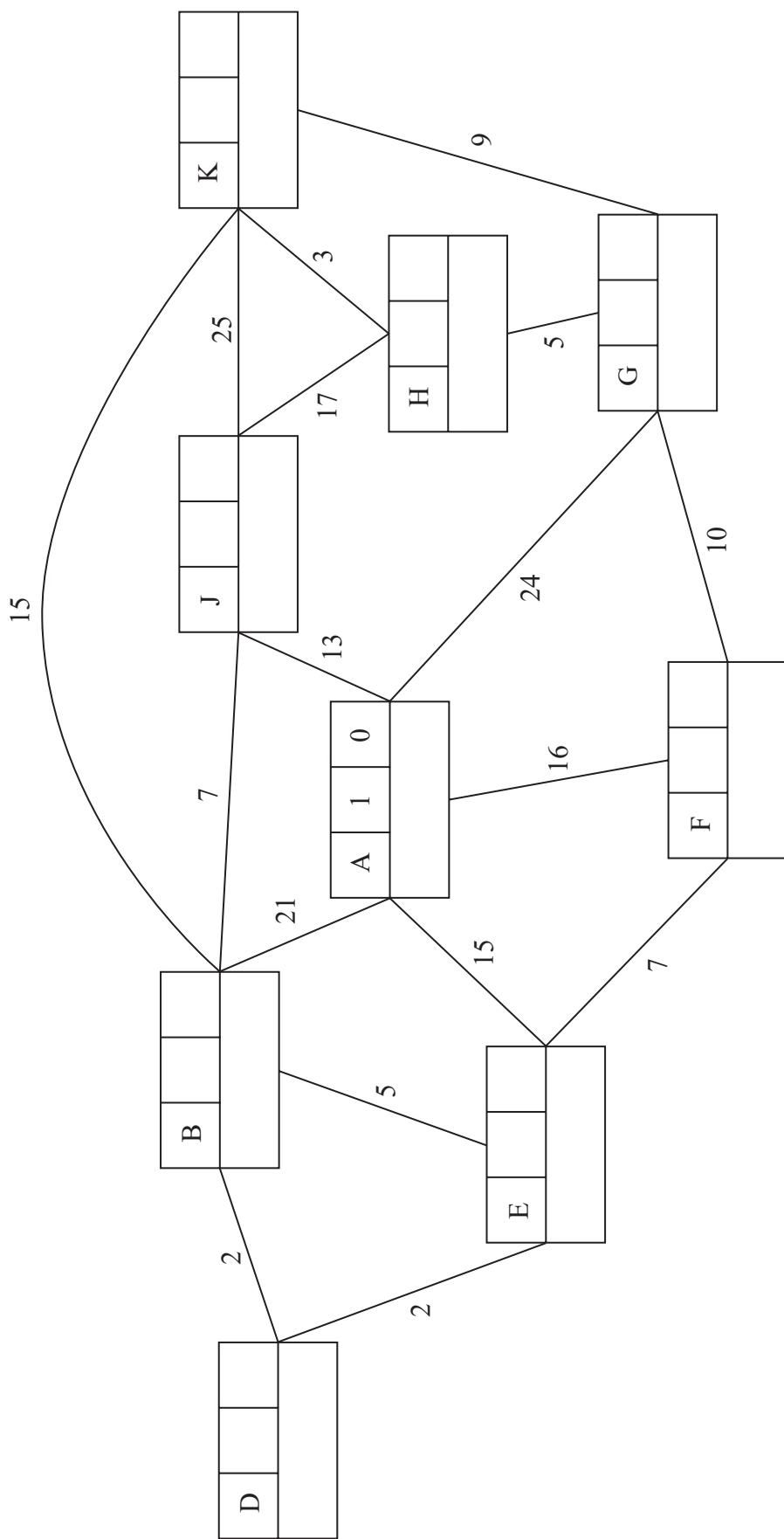








4.



Key:

Vertex	Order of labelling	Final value
Working values		

Quickest route: \_\_\_\_\_

Shortest time: \_\_\_\_\_

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Question 4 continued

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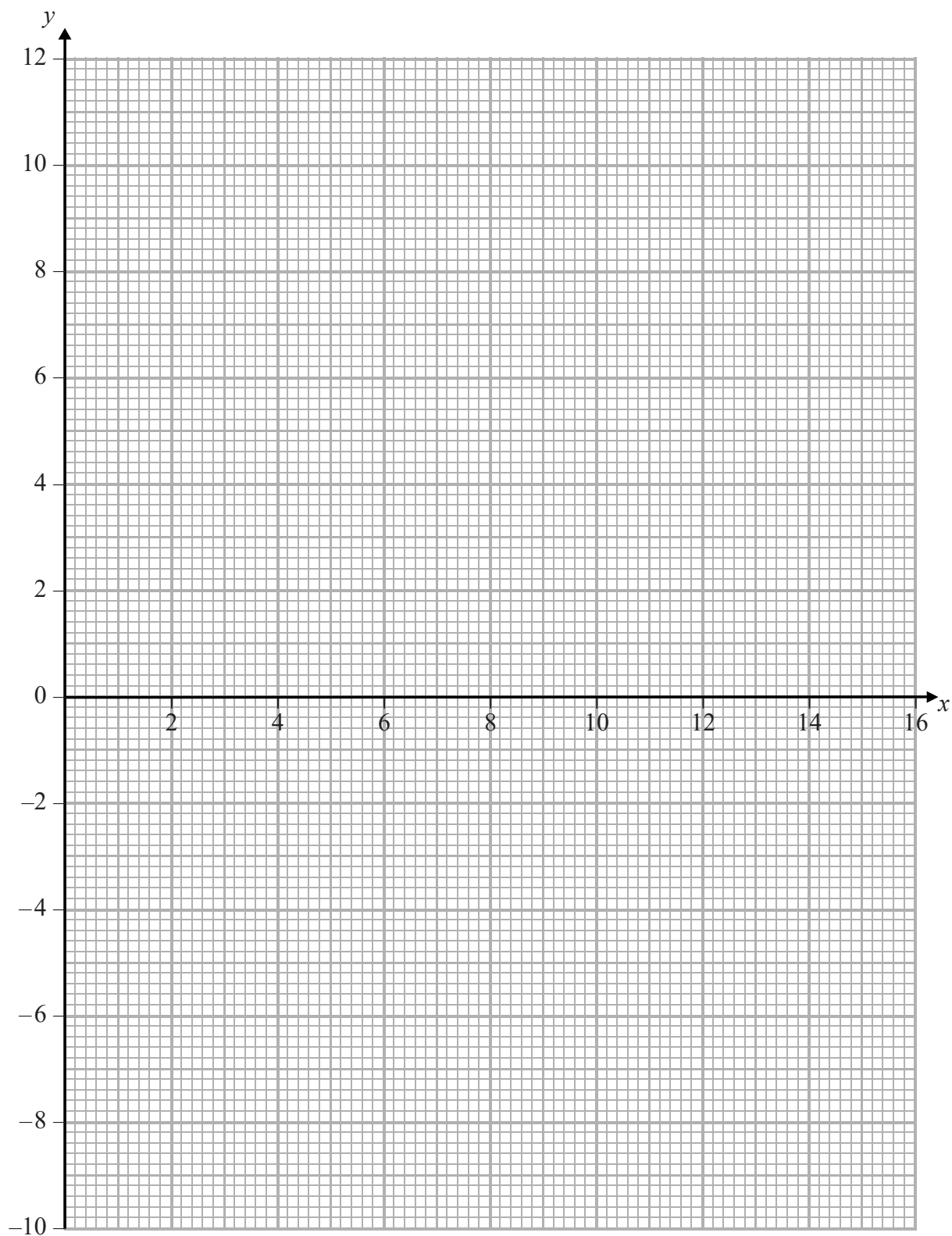
(Total for Question 4 is 15 marks)

Q4

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blank

5.

**Diagram 2**

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6. (a)

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(b)

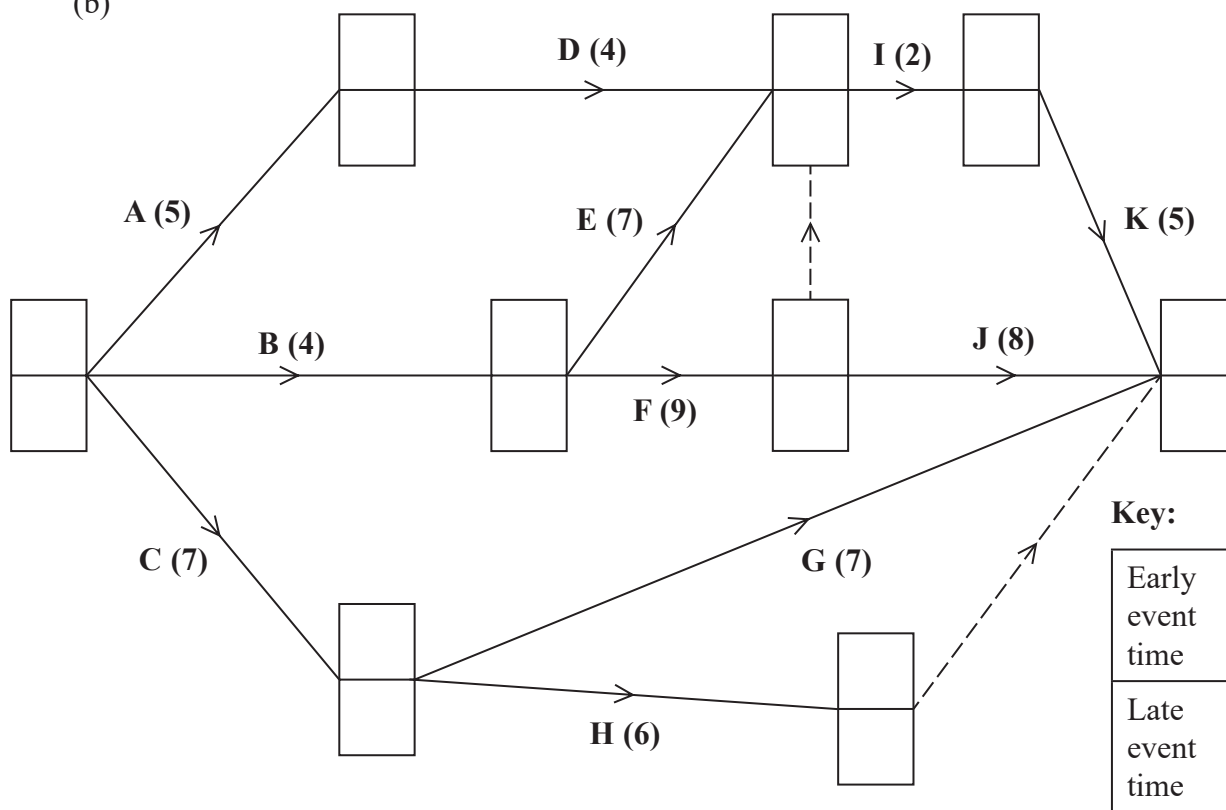


Diagram 3

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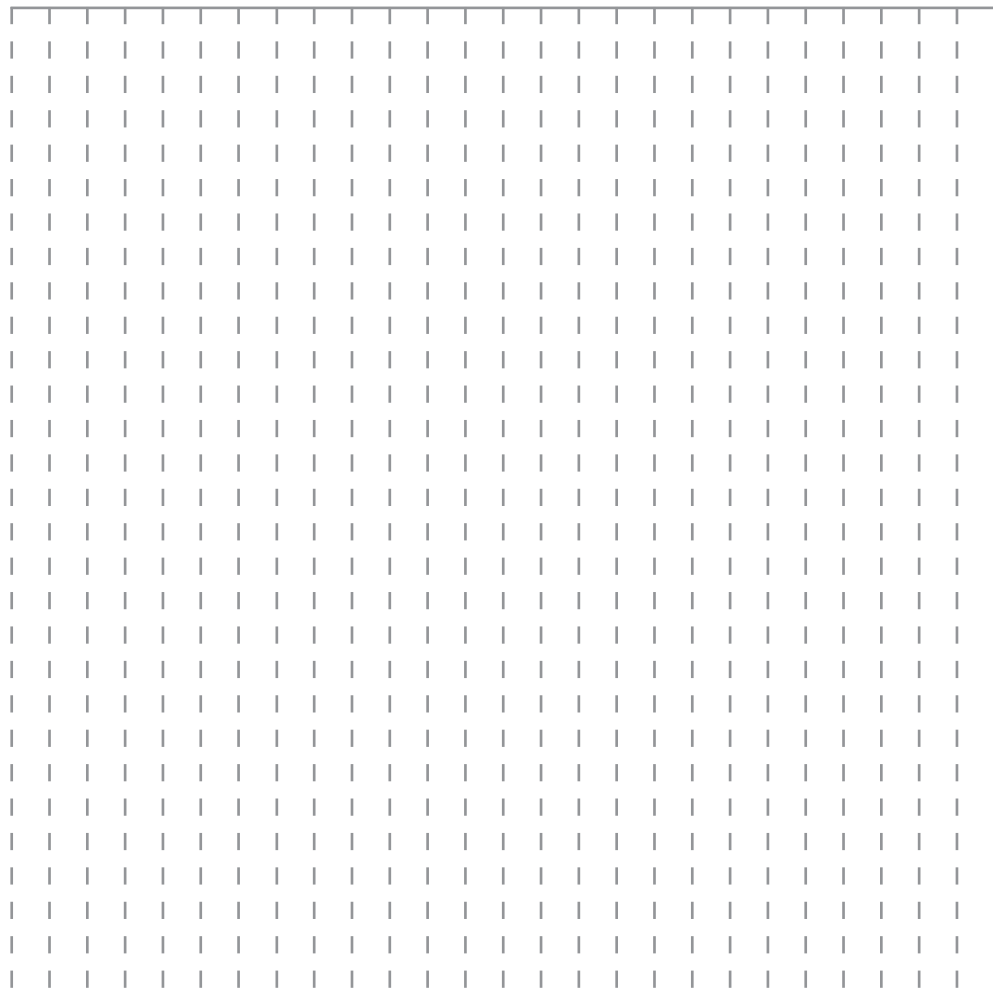
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**Question 6 continued**

(e)

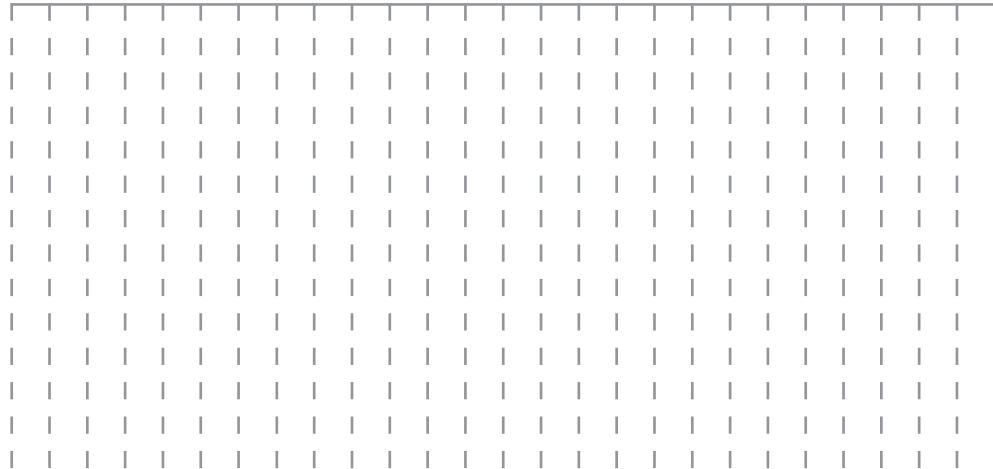
0    2    4    6    8    10    12    14    16    18    20    22    24    26



**Grid 1**

(f)

0    2    4    6    8    10    12    14    16    18    20    22    24    26



**Grid 2**

**(Total for Question 6 is 16 marks)**

**Q6**

**TOTAL FOR PAPER IS 75 MARKS**

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