

Paper Reference(s)

**6689**

**Edexcel GCE**

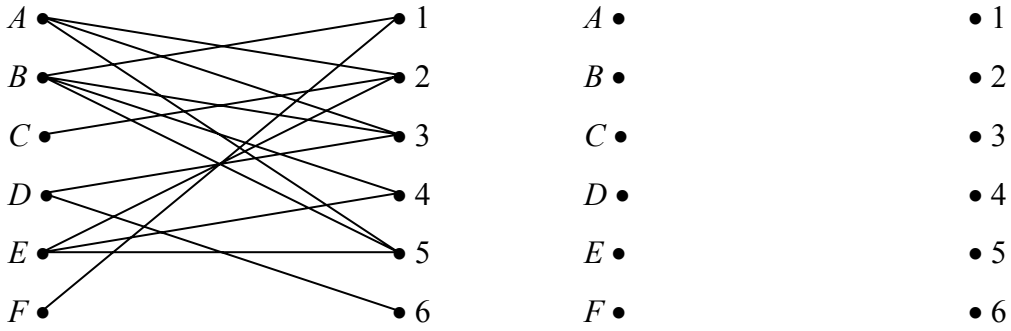
**Decision Mathematics D1**

**Advanced/Advanced Subsidiary**

**June 2003**

**Answer Booklet**

1.



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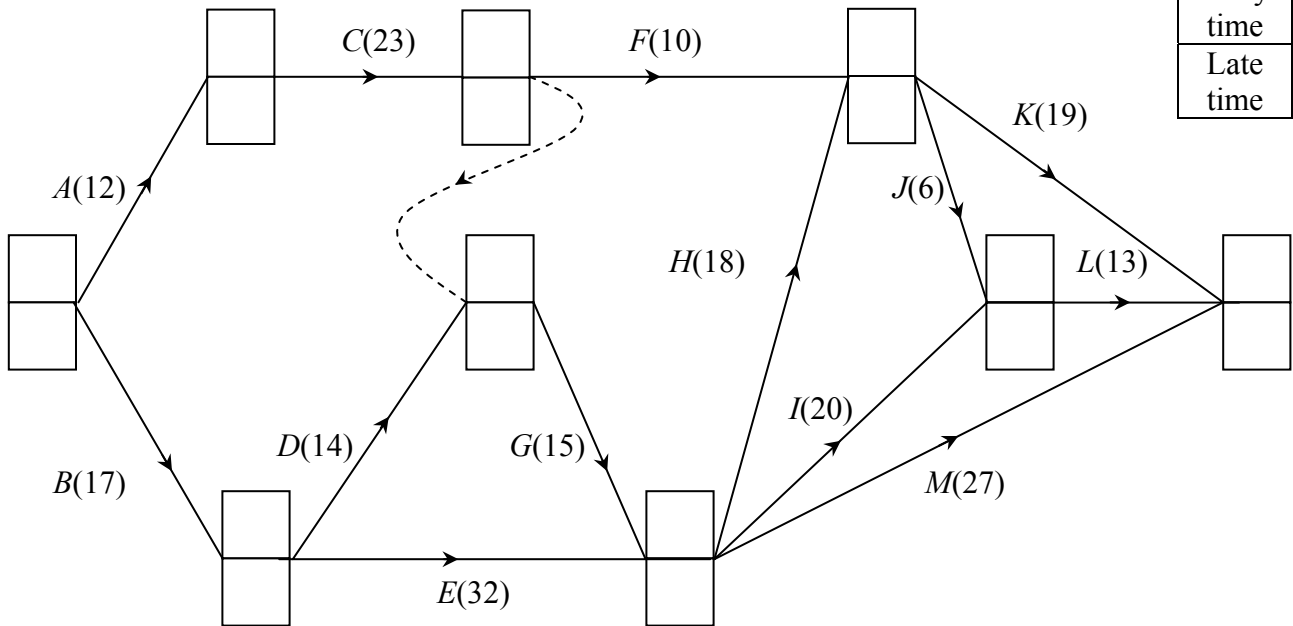


5. (a)

Diagram 1

Key

Early time
Late time



(b) .....

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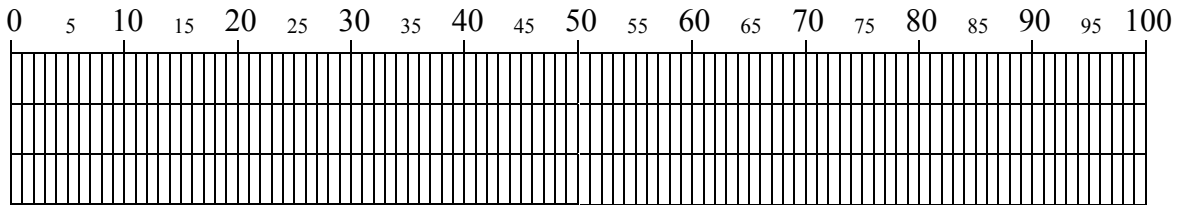
(c) .....

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(d) .....

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(e)



1 .....

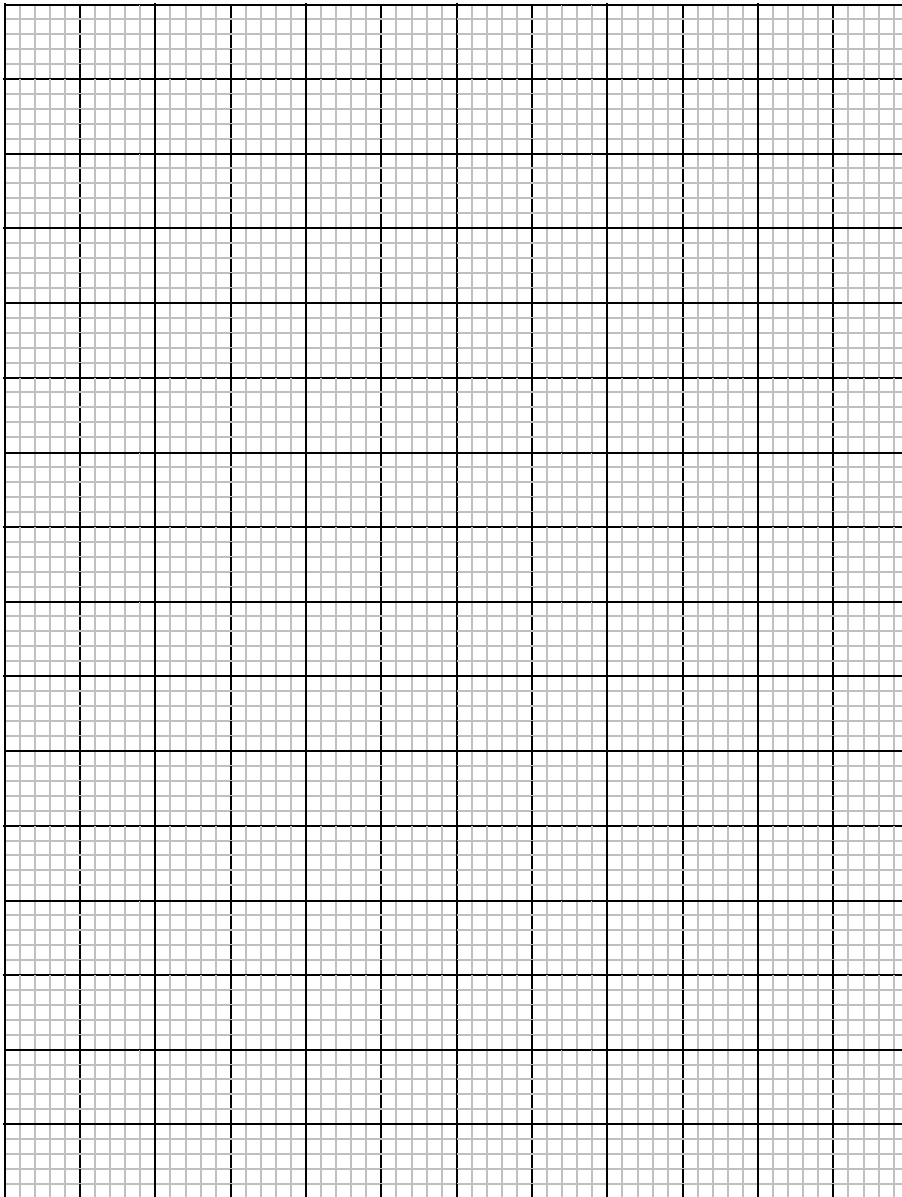
2 .....

3 .....

New shortest time.....

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**TURN OVER FOR QUESTION 6**

6. (a) .....
- .....
- (b) .....
- .....
- (c) .....
- .....





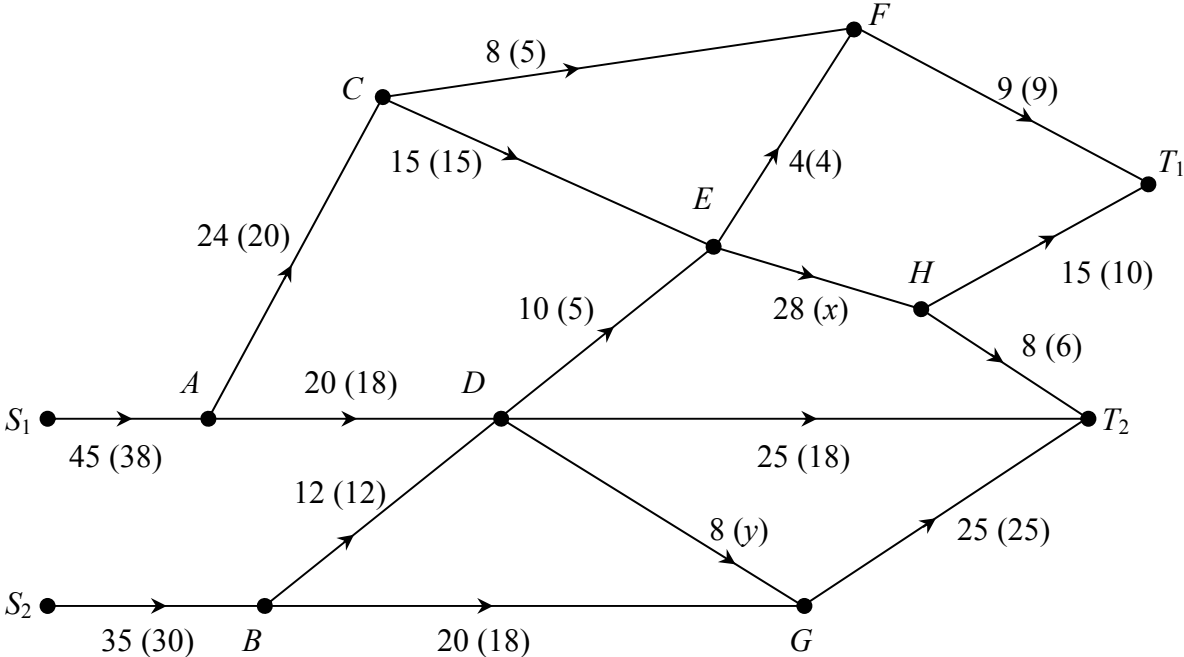
6. (d) .....  
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(e) Number of Oxford suites: .....  
Number of York suites: .....  
Maximum profit: .....

(f) .....  
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7.

Diagram 2



(b) .....

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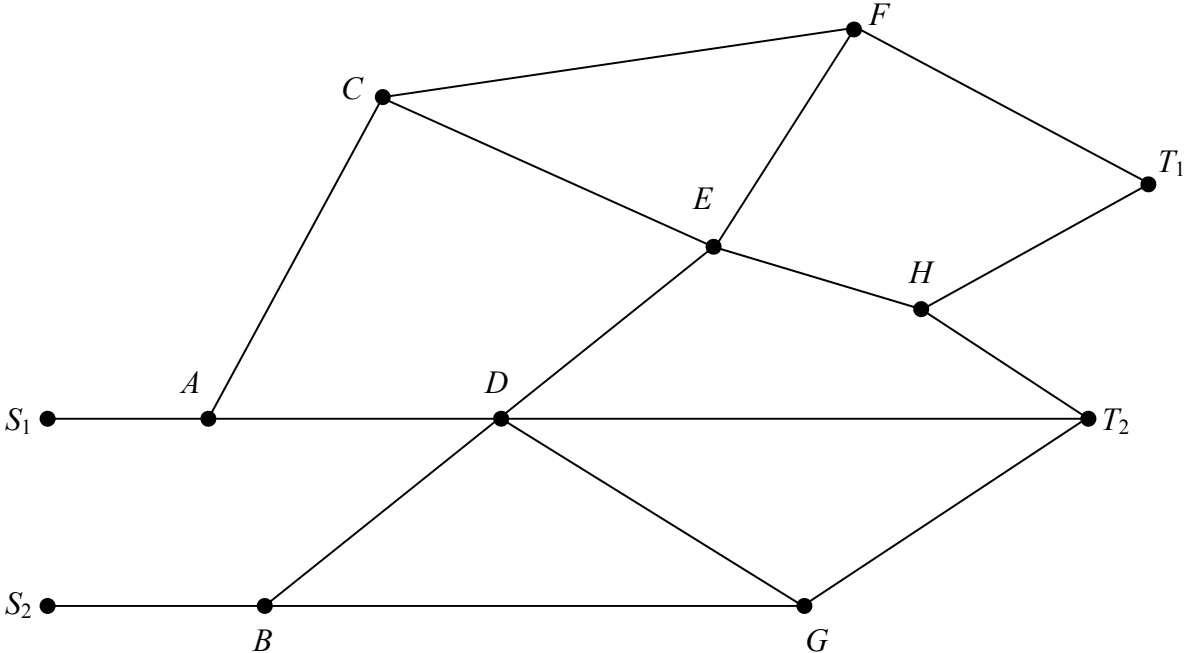
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(c) .....

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(d)

Diagram 3



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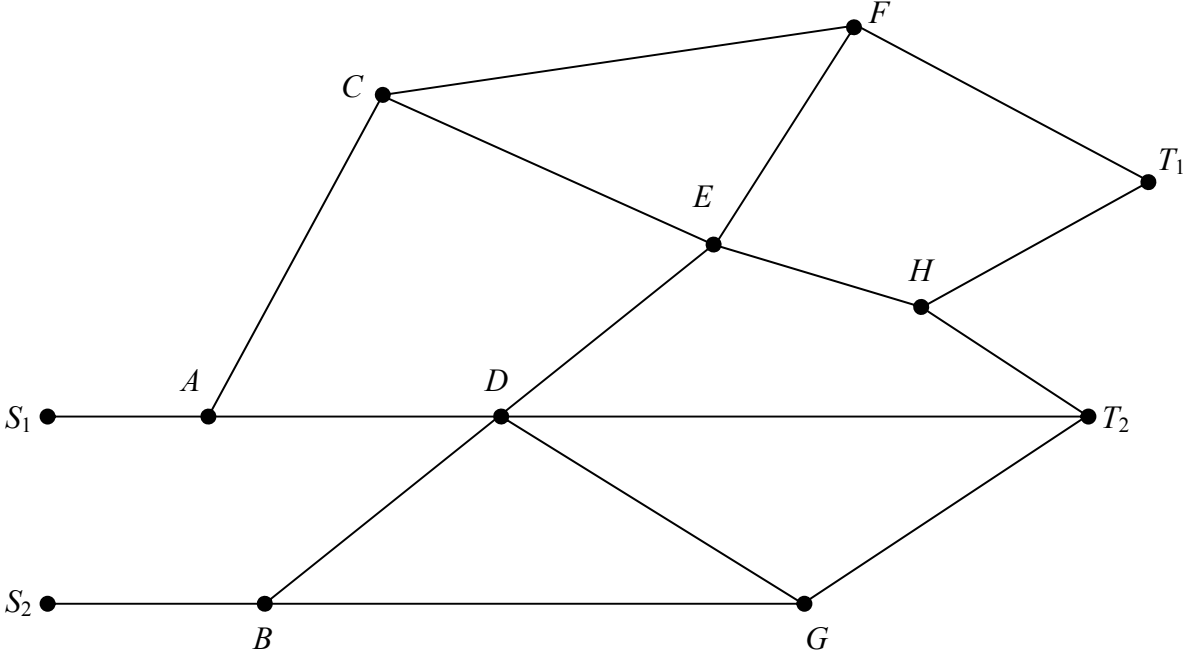
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(e)

Diagram 4



(f)

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**END**