

Paper Reference(s)

6689

**Edexcel GCE
Decision Mathematics D1**

Advanced/Advanced Subsidiary

June 2003

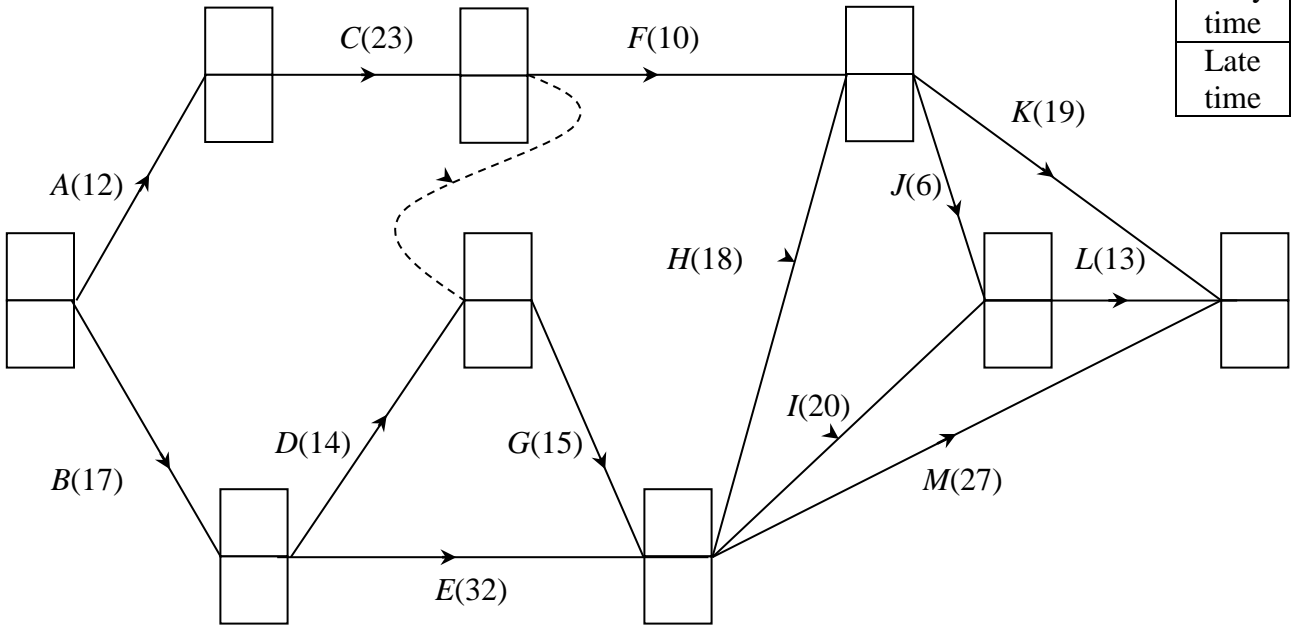
Answer Booklet

5. (a)

Diagram 1

Key

Early time
Late time



(b)

.....

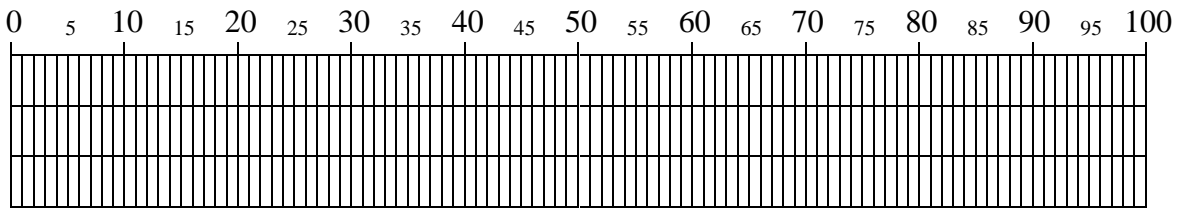
(c)

.....

(d)

.....

(e)



1

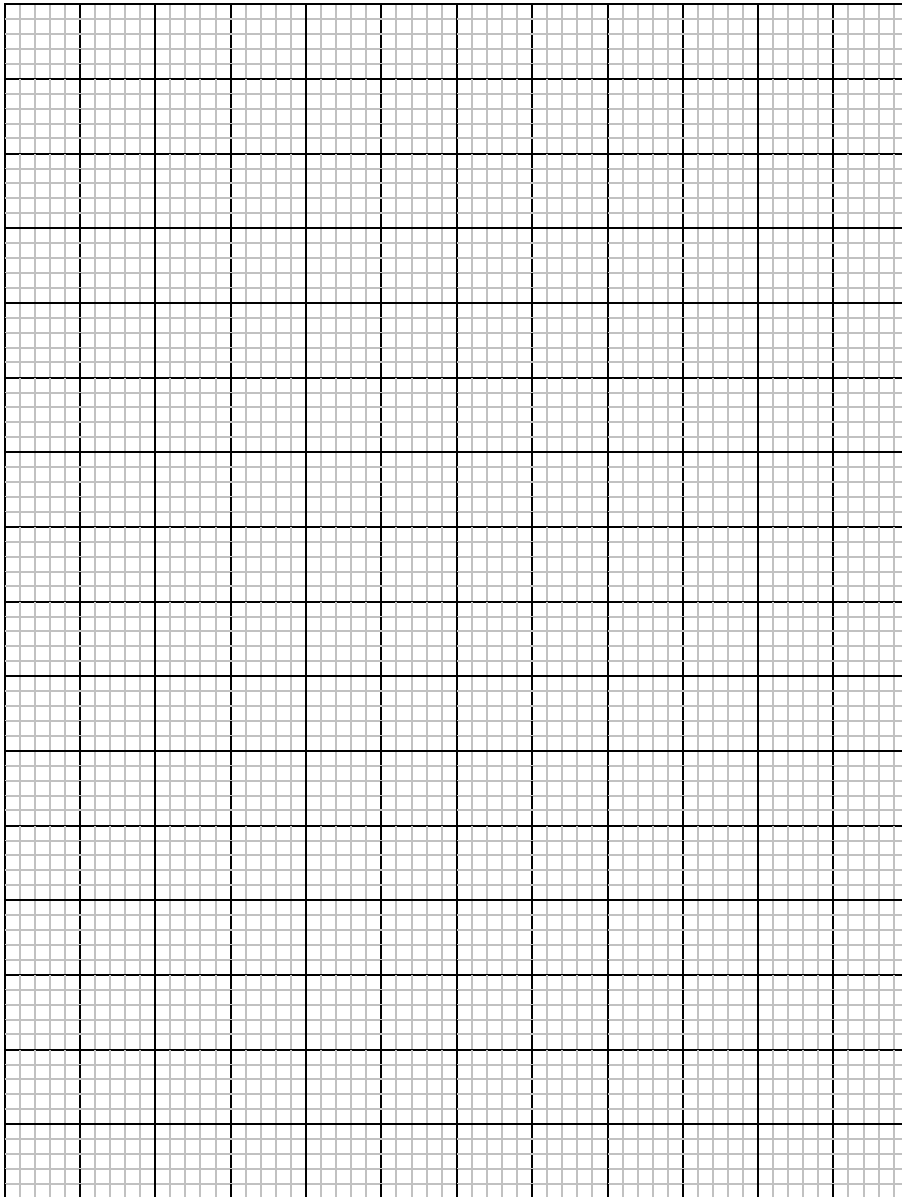
2

3

New shortest time.....

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



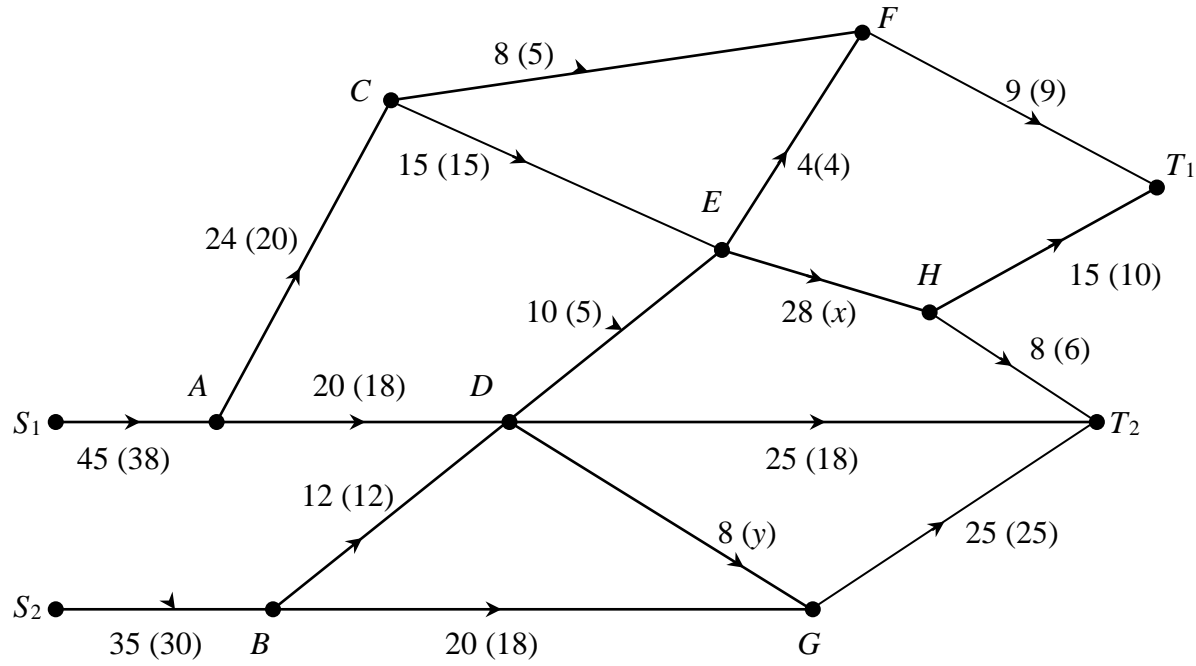
6. (d)
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(e) Number of Oxford suites:
Number of York suites:
Maximum profit:

(f)
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7.

Diagram 2



(b)

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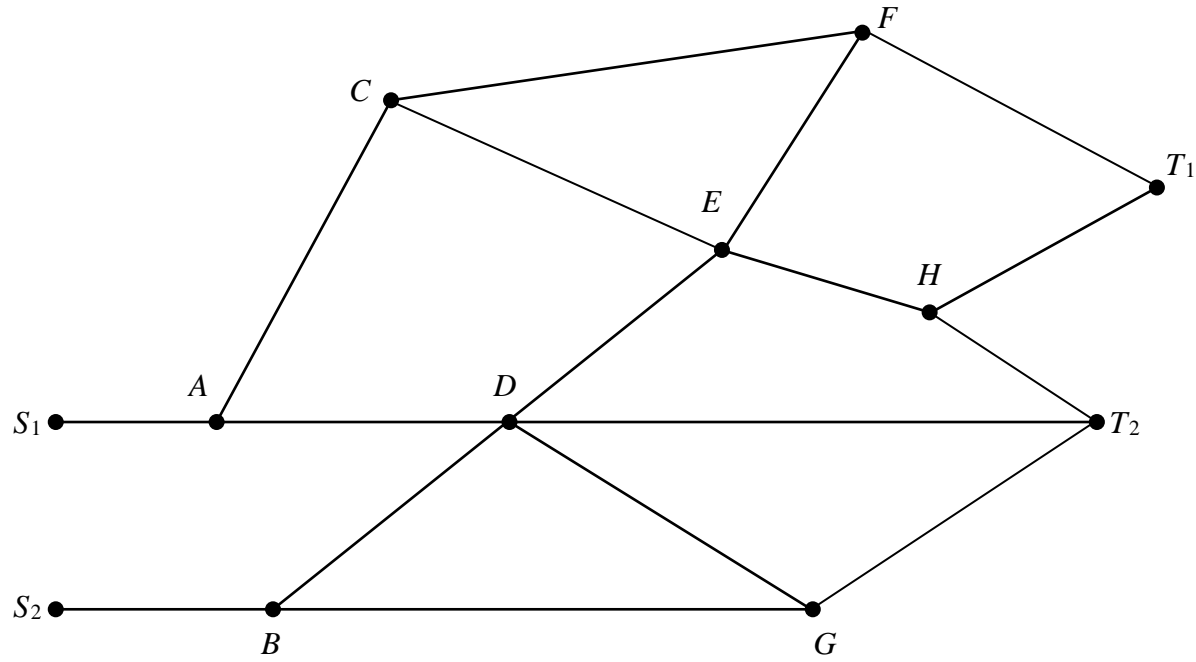
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(c)

.....

(d)

Diagram 3



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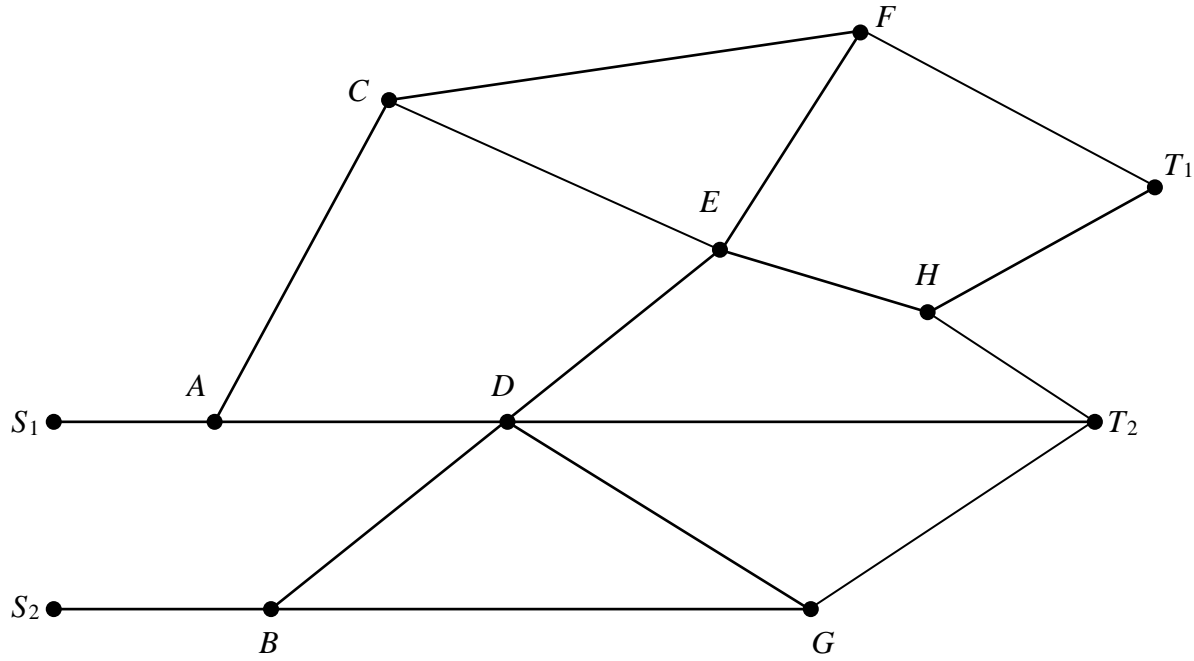
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(e)

Diagram 4



(f)

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END