

Centre No.					
Candidate No.					

Paper Reference (complete below)						
6	6	8	9	/	0	1

Surname	Initial(s)
Signature	

Paper Reference(s)

6689

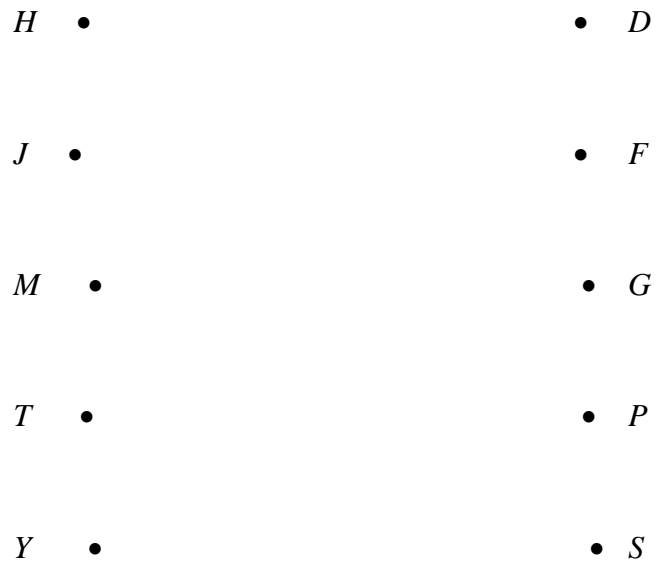
**Edexcel GCE
Decision Mathematics D1**

Advanced/Advanced Subsidiary

January 2003

Answer Booklet

2. (a)



(b) alternating path

complete matching

4. (a)

.....
.....
.....
.....
.....

(b)

.....
.....
.....
.....
.....

(c)

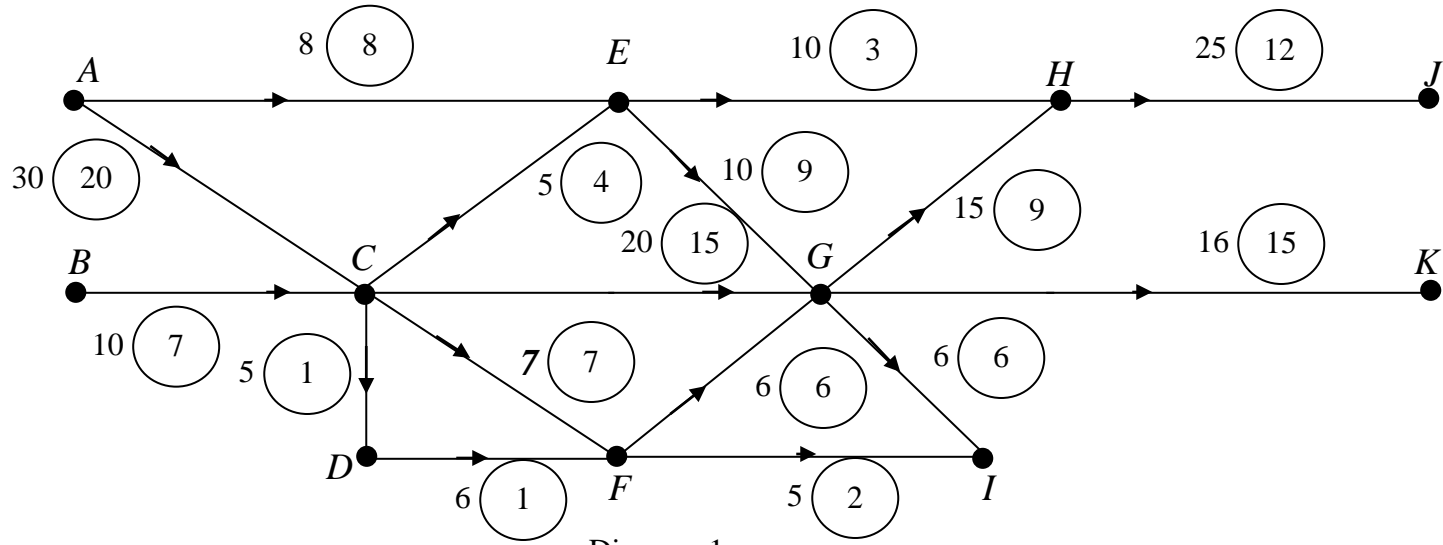
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(d)

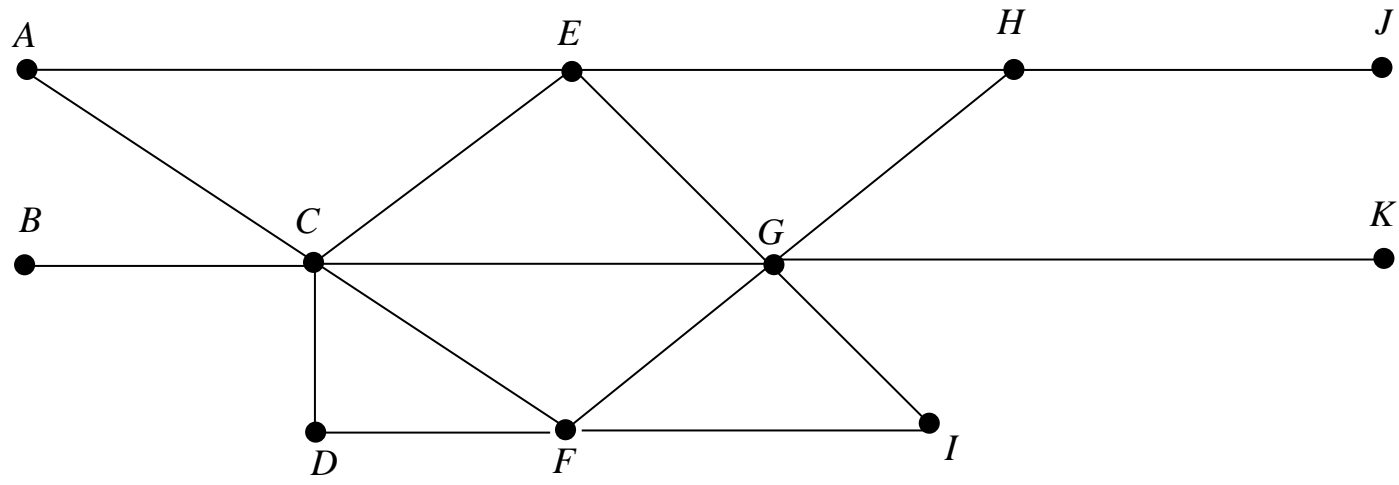
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Leave blank

7. (a)



(b) (i)



*Leave
blank*

Flow augmenting paths _____

Maximum flow = _____

(ii) _____

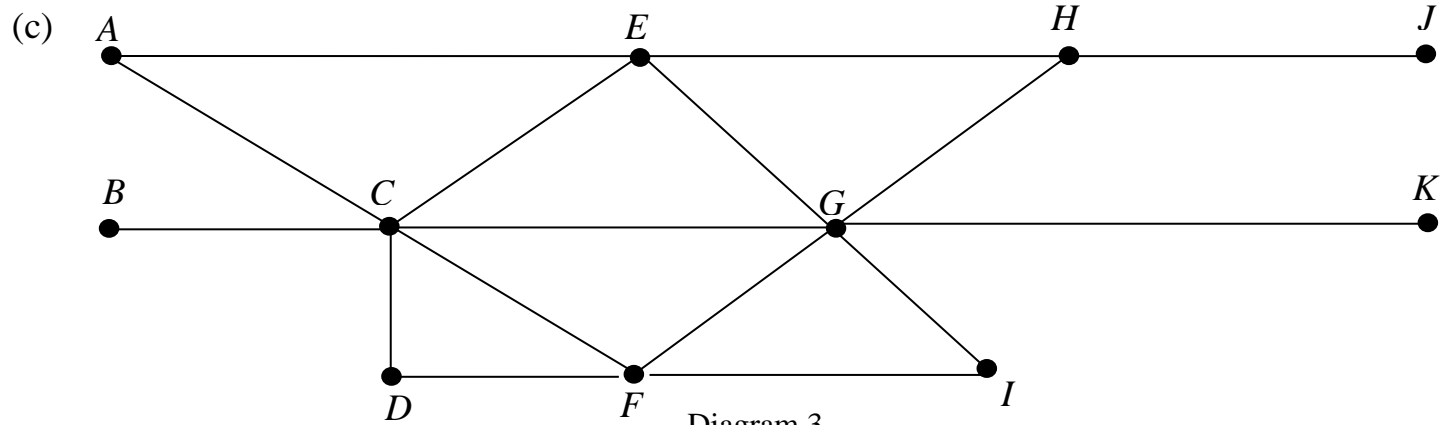


Diagram 3

8. (a)

(b) You may not need to use all these tableaux.

b.v.	x	y	z	r	s	Value
P						

b.v.	x	y	z	r	s	Value
P						

b.v.	x	y	z	r	s	Value
P						

b.v.	x	y	z	r	s	Value
P						

(c)
