

Question 2 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	–

(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	–

(Total 8 marks)

Q2



5.

b.v.	x	y	z	r	s	t	Value
r	$\frac{1}{2}$	$-\frac{1}{2}$	0	1	0	$-\frac{1}{2}$	10
s	$1\frac{1}{2}$	$2\frac{1}{2}$	0	0	1	$-\frac{1}{2}$	5
z	$\frac{1}{2}$	$\frac{1}{2}$	1	0	0	$\frac{1}{2}$	5
P	-5	-10	0	0	0	20	220

(a) You may not need to use all of these tableaux

b.v.	x	y	z	r	s	t	Value	Row Ops

b.v.	x	y	z	r	s	t	Value	Row Ops



Question 5 continued

b.v.	x	y	z	r	s	t	Value	Row Ops

b.v.	x	y	z	r	s	t	Value	Row Ops

(b)

(c)

(Total 8 marks)

Q5



6. (a) Value of initial flow _____

(b) and (c)

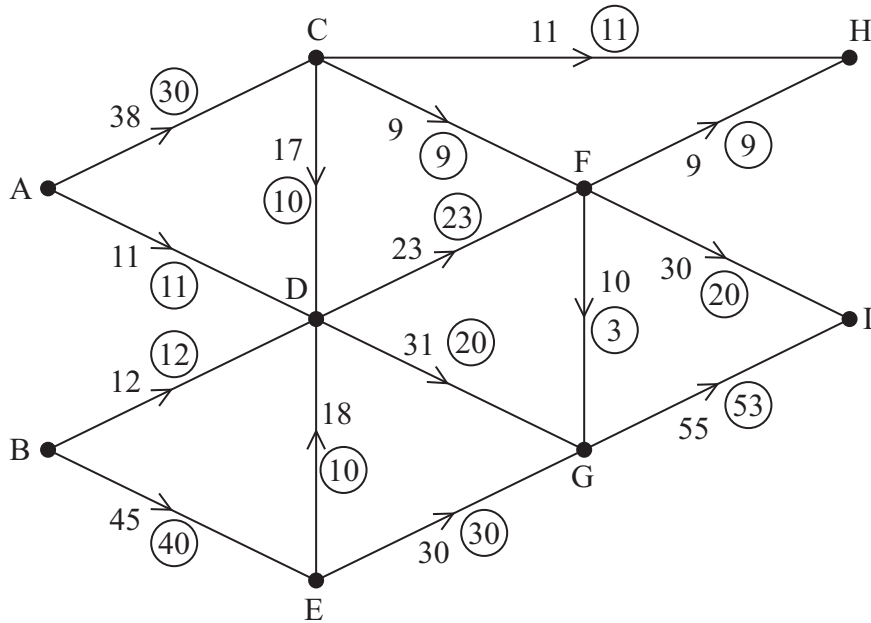


Diagram 1

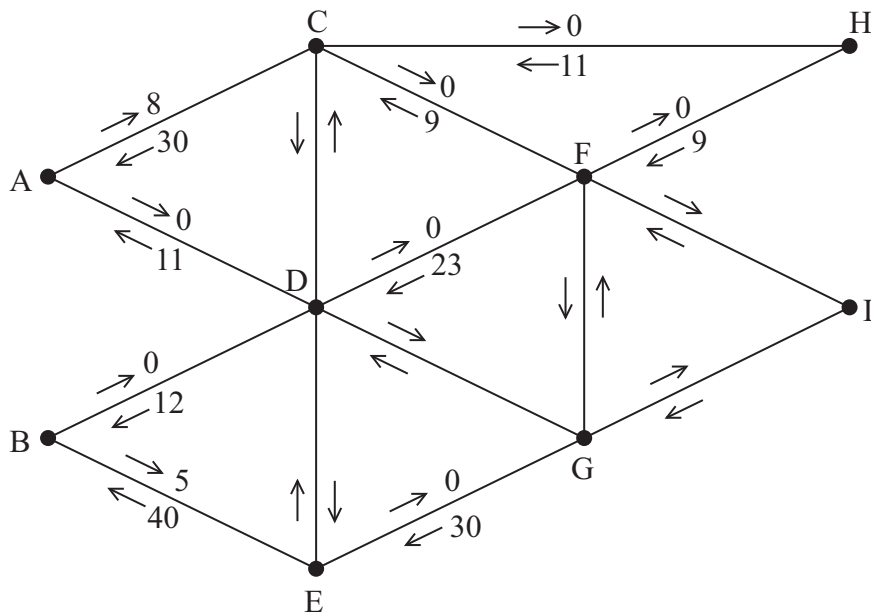


Diagram 2



