

Paper Reference 9FM0/4D
Pearson Edexcel
Level 3 GCE

Further Mathematics
Advanced
Paper 4D: Decision Mathematics 2

Tuesday 25 June 2019 – Morning

Diagram Book

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There are two copies of each diagram in case you need them.

**THIS DIAGRAM BOOK MUST BE RETURNED WITH THE
ANSWER BOOK AT THE END OF THE EXAMINATION.**

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Diagram 1 and Diagram 2

Diagram 1

	P	Q	R	S	Supply
A	15	14	17	11	23
B	10	9	16	12	42
C	11	13	8	10	18
D	15	13	16	17	19
Demand	25	45	12	20	

Diagram 2

	P	Q	R	S
A	23			
B	2	40		
C		5	12	1
D				19

Diagram 1 and Diagram 2

Diagram 1

	P	Q	R	S	Supply
A	15	14	17	11	23
B	10	9	16	12	42
C	11	13	8	10	18
D	15	13	16	17	19
Demand	25	45	12	20	

Diagram 2

	P	Q	R	S
A	23			
B	2	40		
C		5	12	1
D				19

Diagram 3

	1	2	3	4
T	103	97	74	80
H	201	155	145	155
J	111	80	77	92
M	203	188	137	184

Diagram 3

	1	2	3	4
T	103	97	74	80
H	201	155	145	155
J	111	80	77	92
M	203	188	137	184

Diagram 4

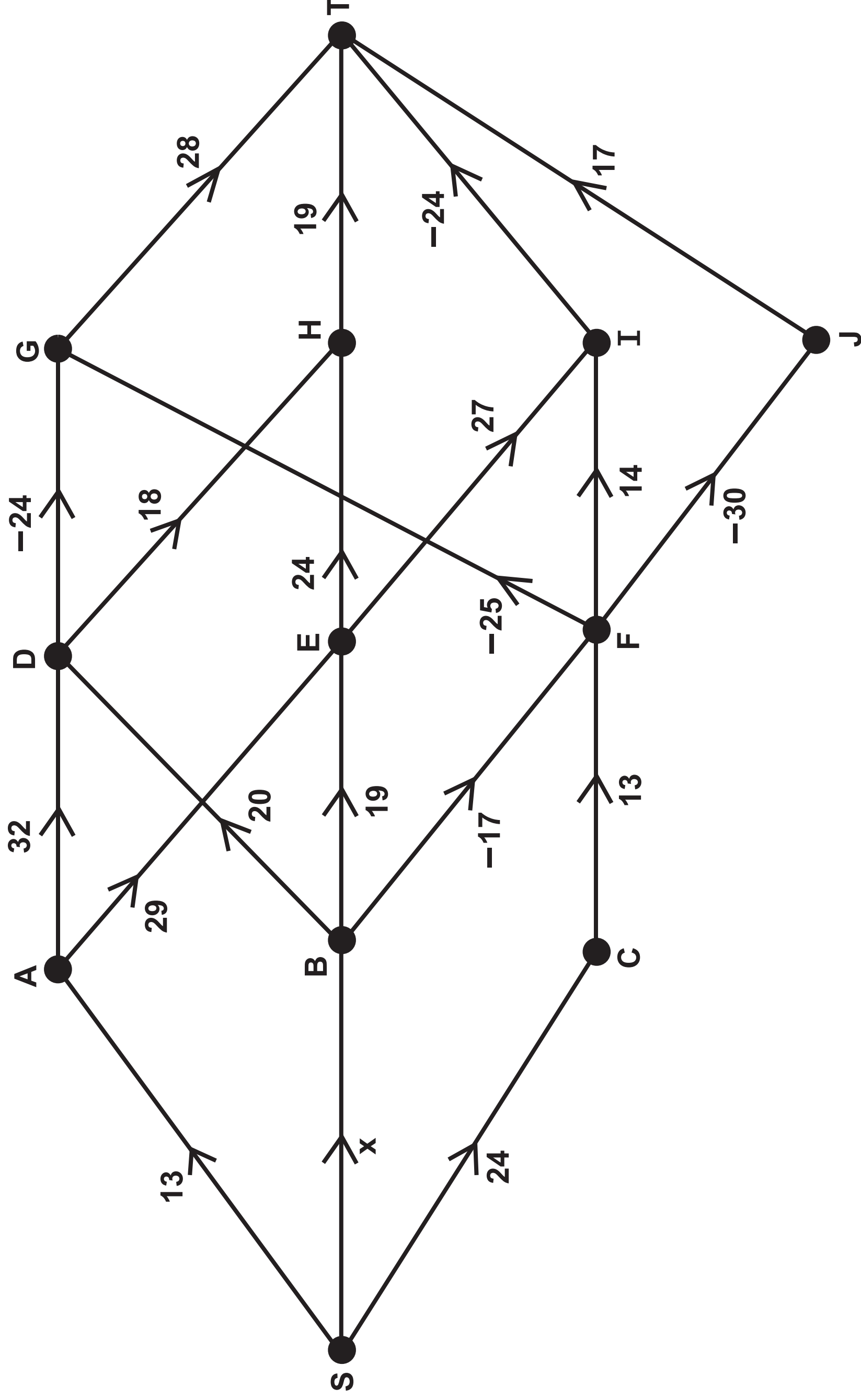


Diagram 4

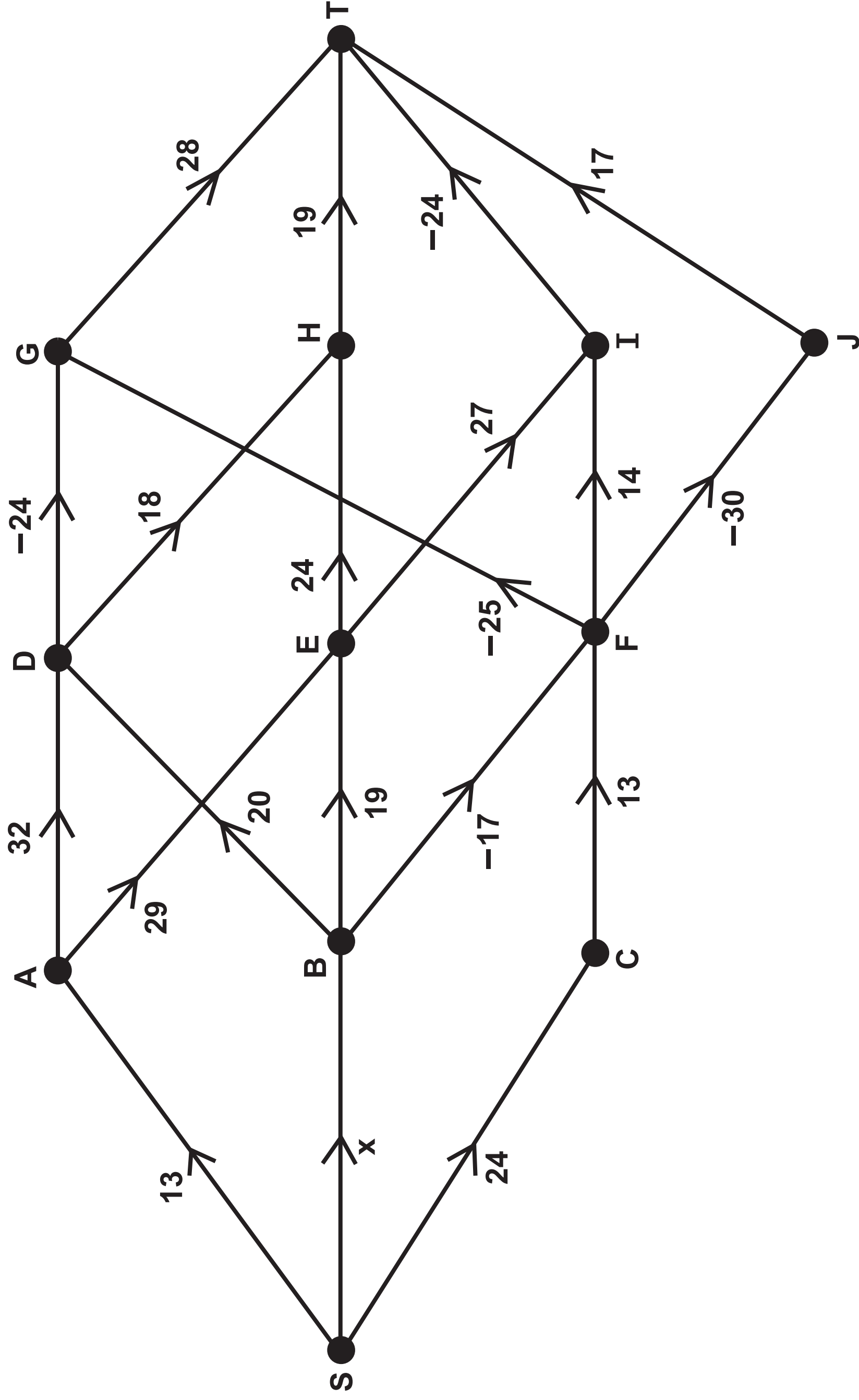


Diagram 5

		Player B		
		Option X	Option Y	Option Z
Player A	Option P	3	−2	0
	Option Q	−4	4	−2
	Option R	1	2	−1

Diagram 5

		Player B		
		Option X	Option Y	Option Z
Player A	Option P	3	−2	0
	Option Q	−4	4	−2
	Option R	1	2	−1

Diagram 6

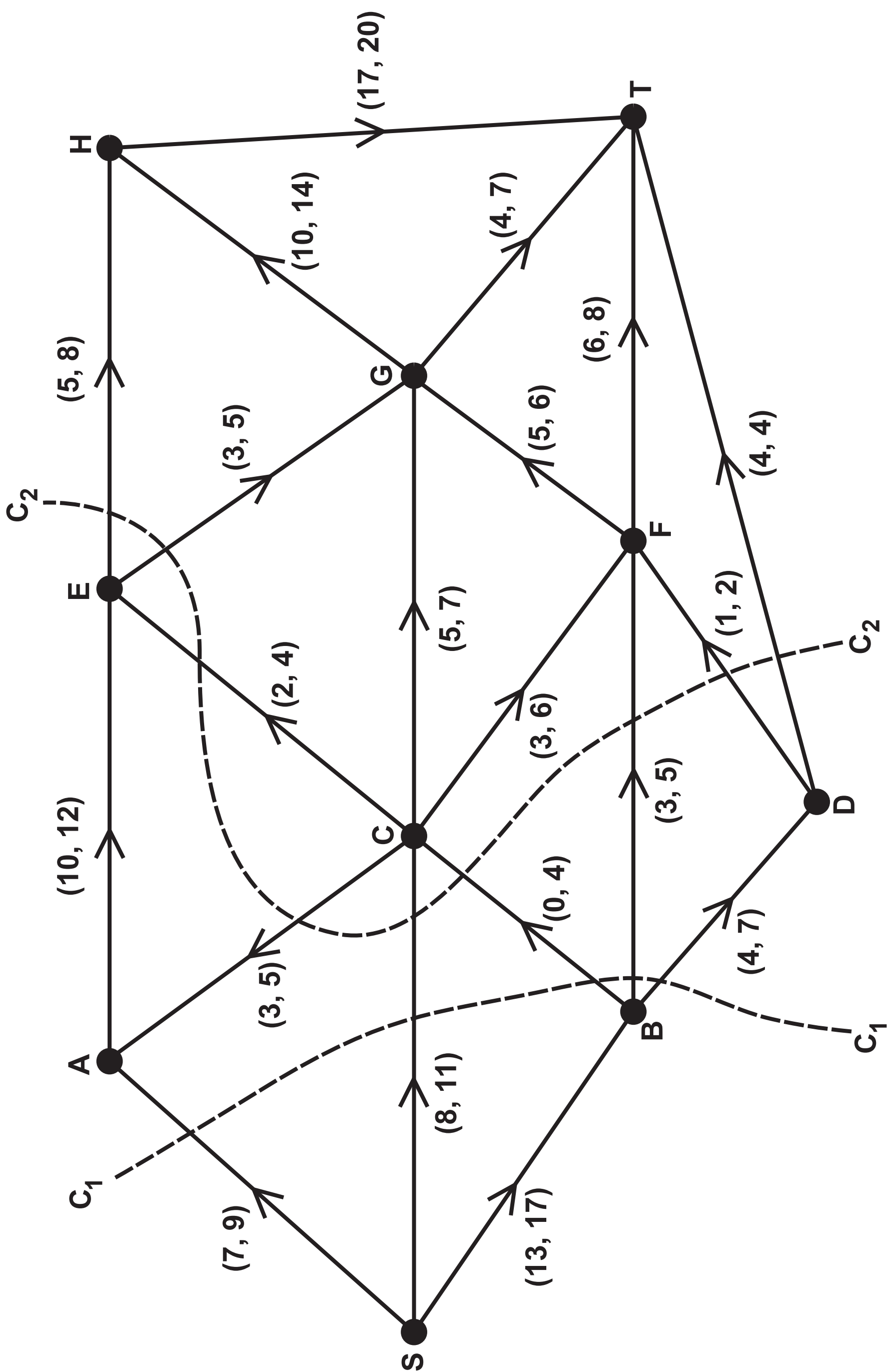


Diagram 6

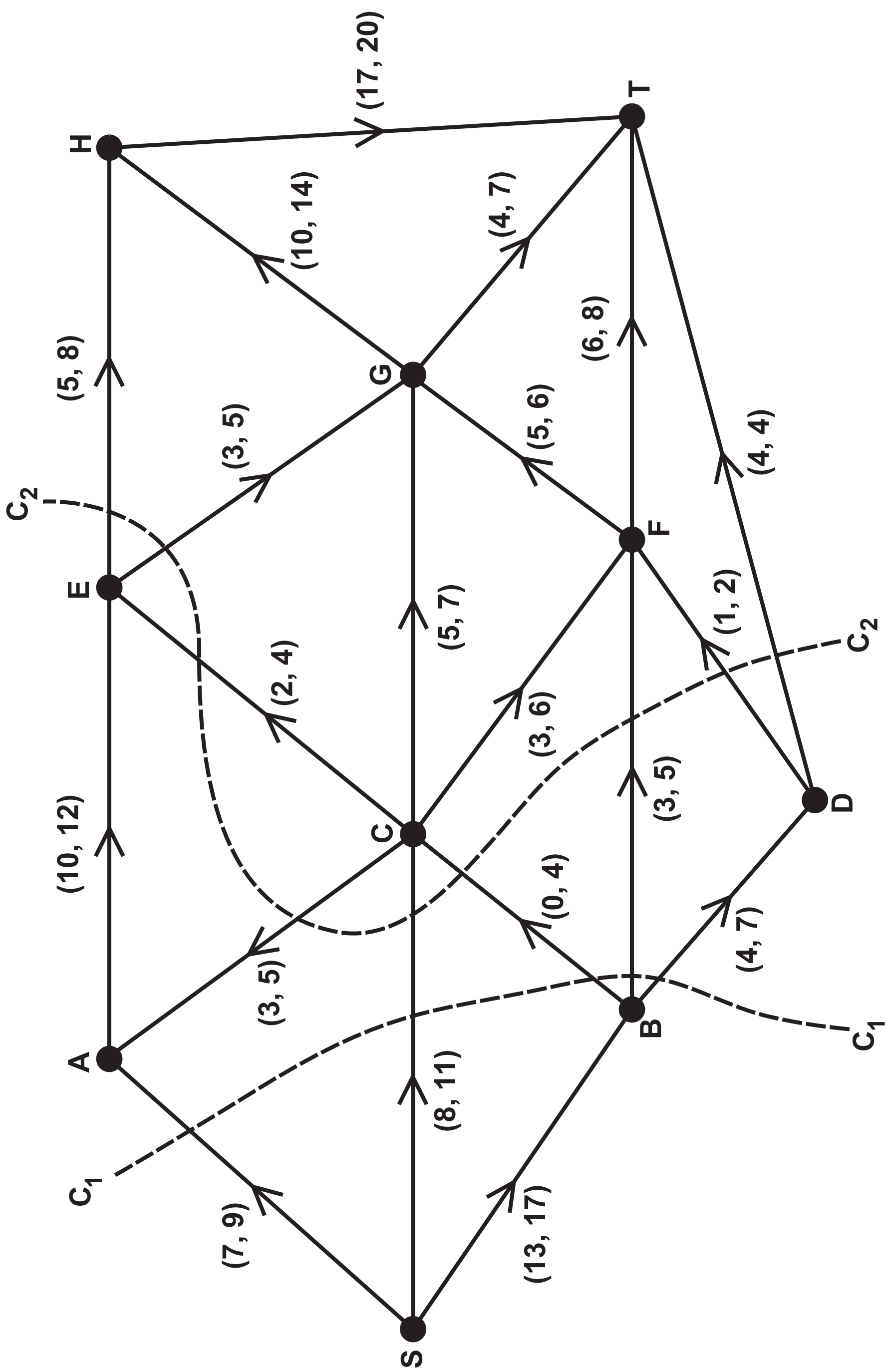


Diagram 7

Minimum feasible flow

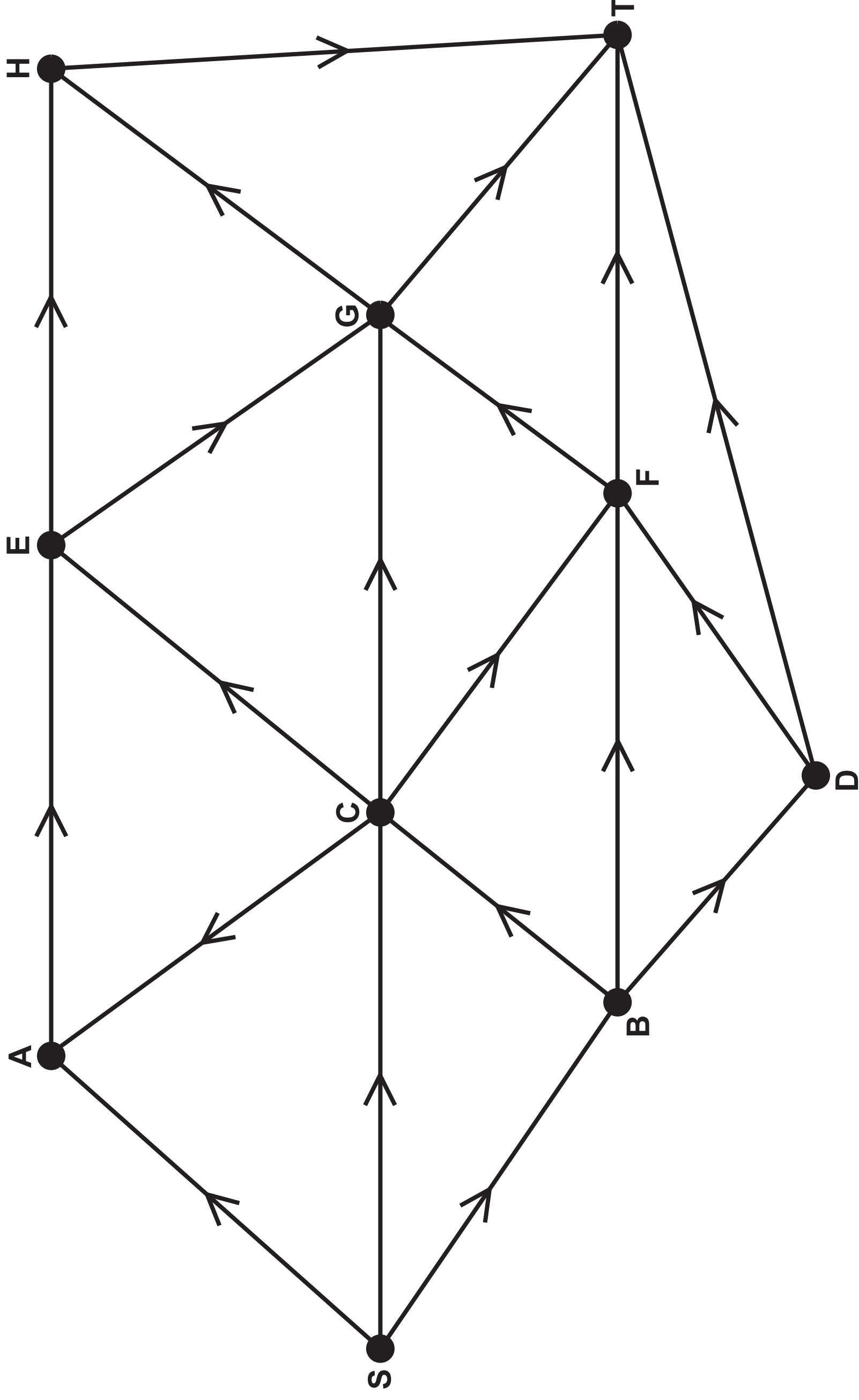


Diagram 7

Minimum feasible flow

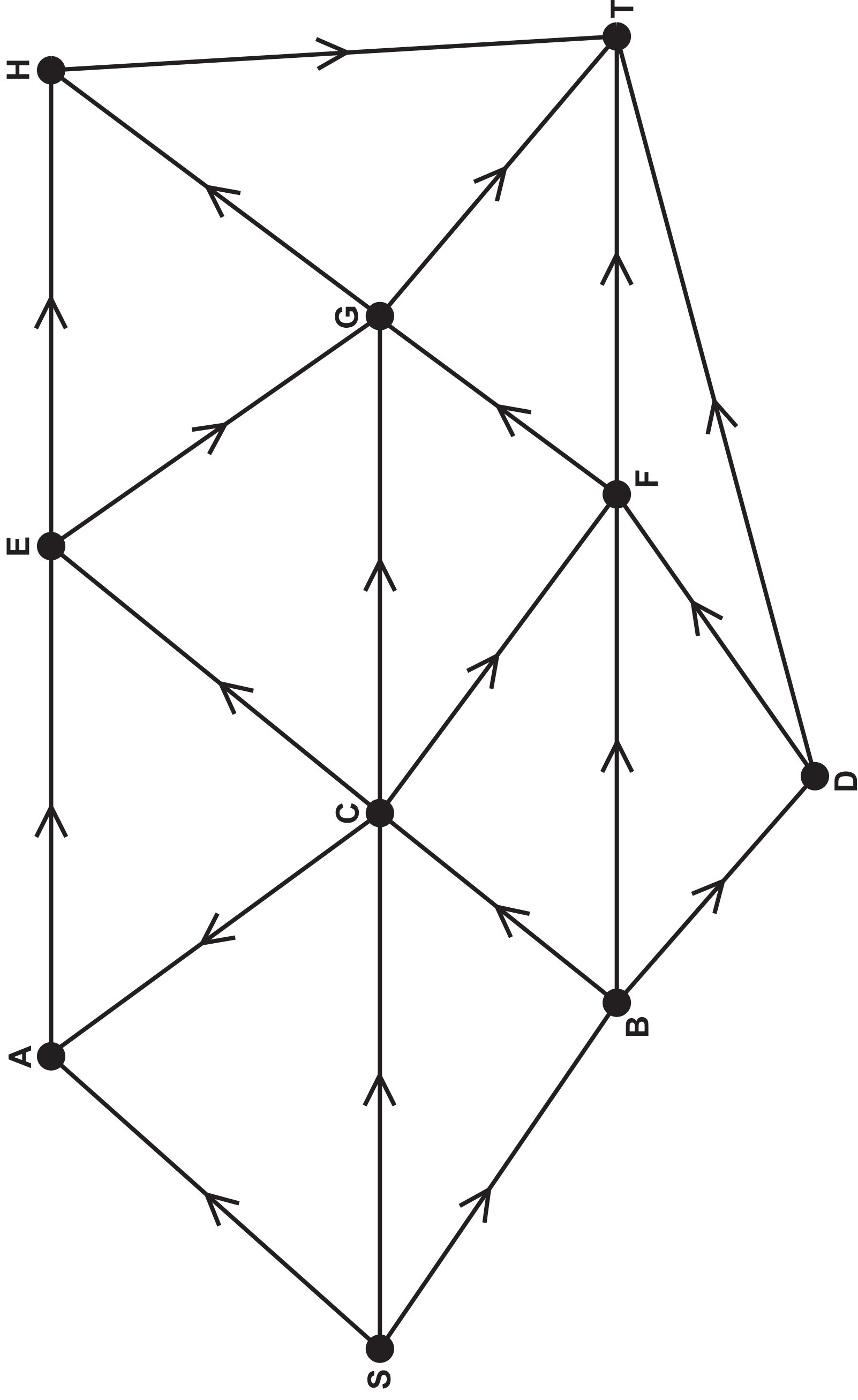


Diagram 8

Maximum feasible flow

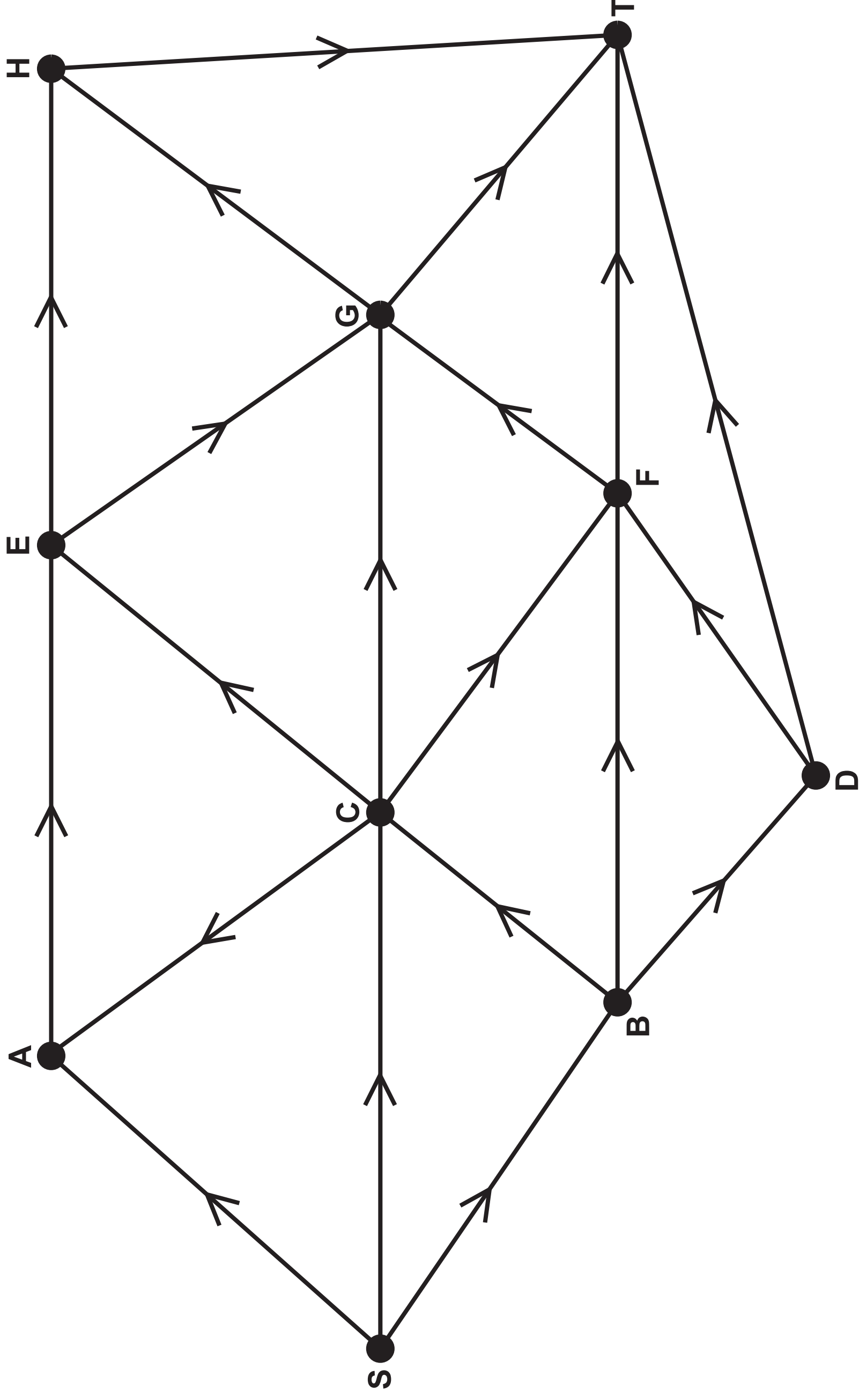


Diagram 8

Maximum feasible flow

