Further Mathematics

Advanced Subsidiary
Further Mathematics options
27: Decision Mathematics 1
(Part of options D, F, H and K)

Diagram Booklet

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

Surname	
Other names	
Centre Number	
Candidate Number	

Pearson

INSTRUCTIONS

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

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

Contents
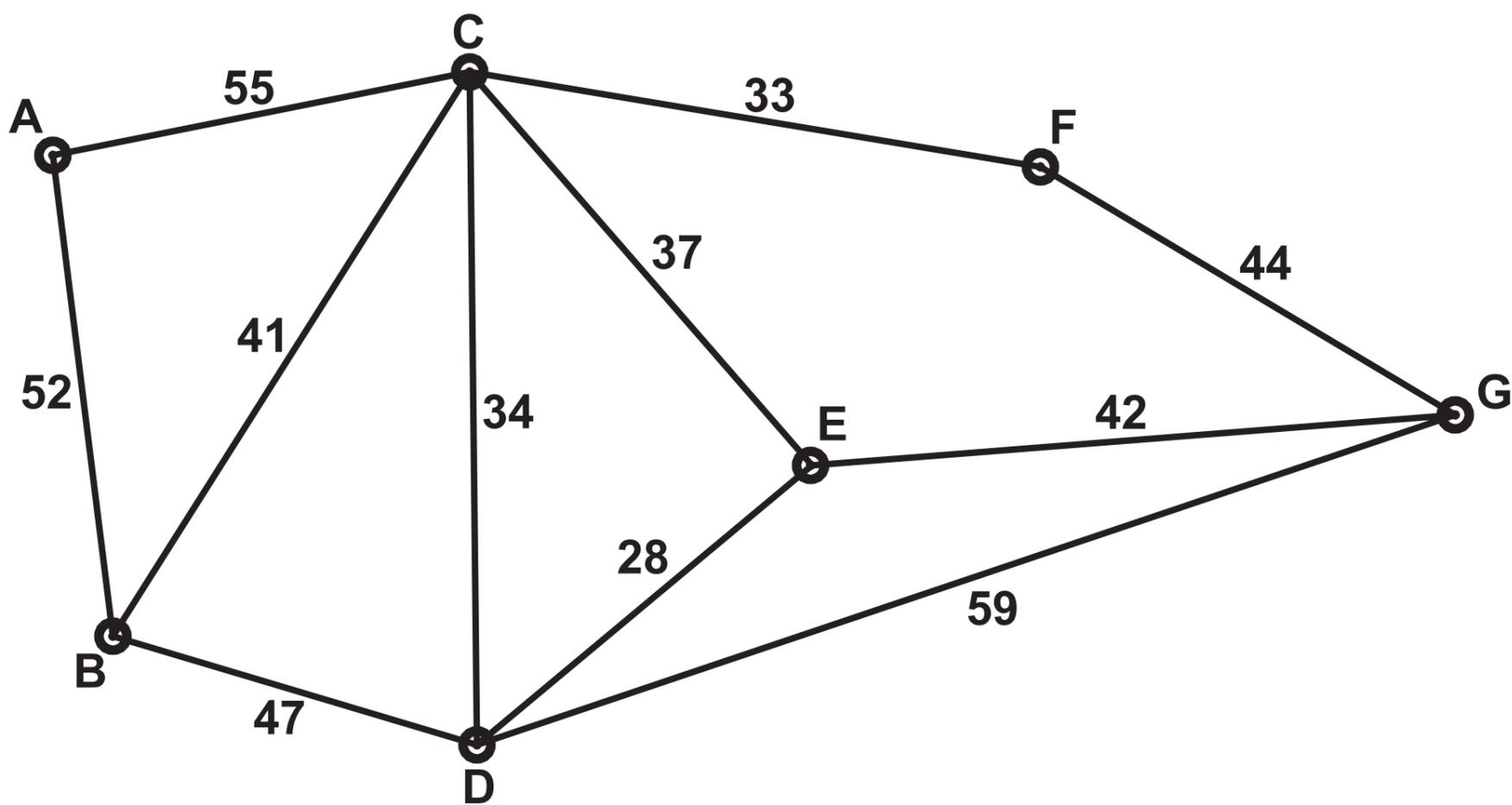
Diagram 1

Diagram 1

Diagram 2
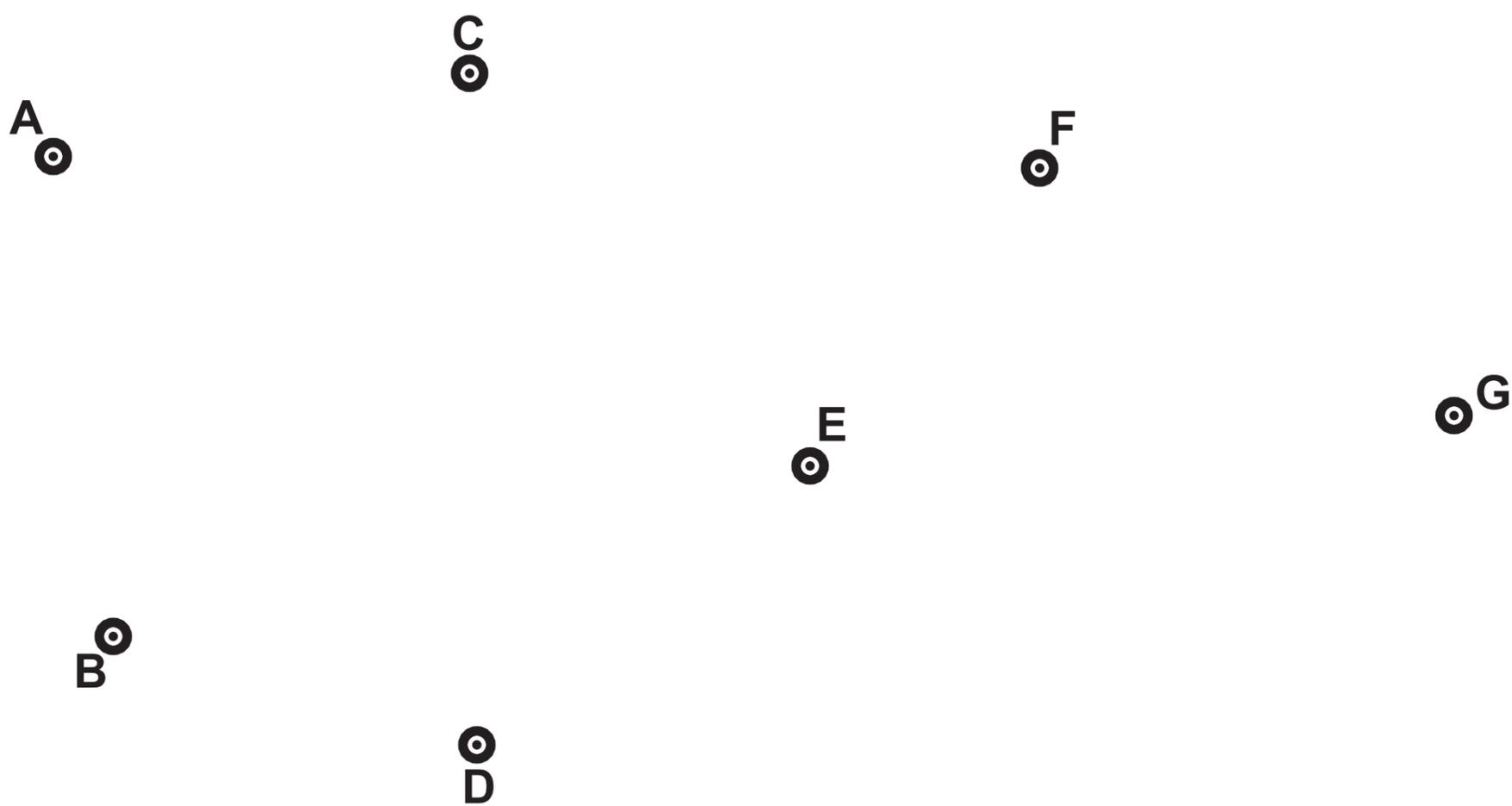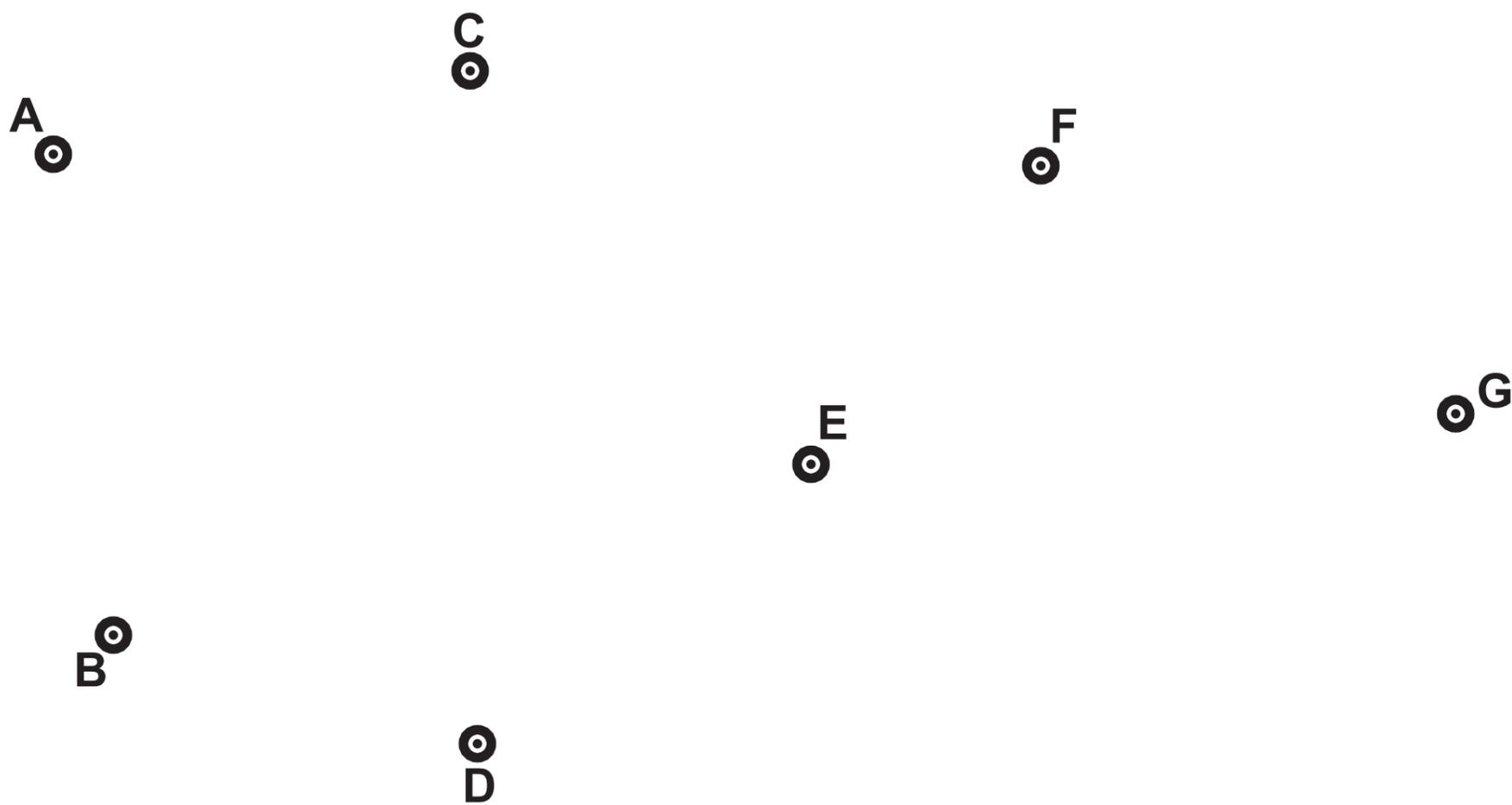
C

A

F

G

E

B

D

Diagram 2

C

A

F

E

G

B

D

Diagram 3

Activity	Immediately preceding activities
A	–
B	–
C	–
D	–
E	A
F	A, B, C
G	C
H	C
I	E
J	E, F, G
K	D, H

Diagram 3

Activity	Immediately preceding activities
A	–
B	–
C	–
D	–
E	A
F	A, B, C
G	C
H	C
I	E
J	E, F, G
K	D, H

Diagram 4

[The total weight of the network is 120]
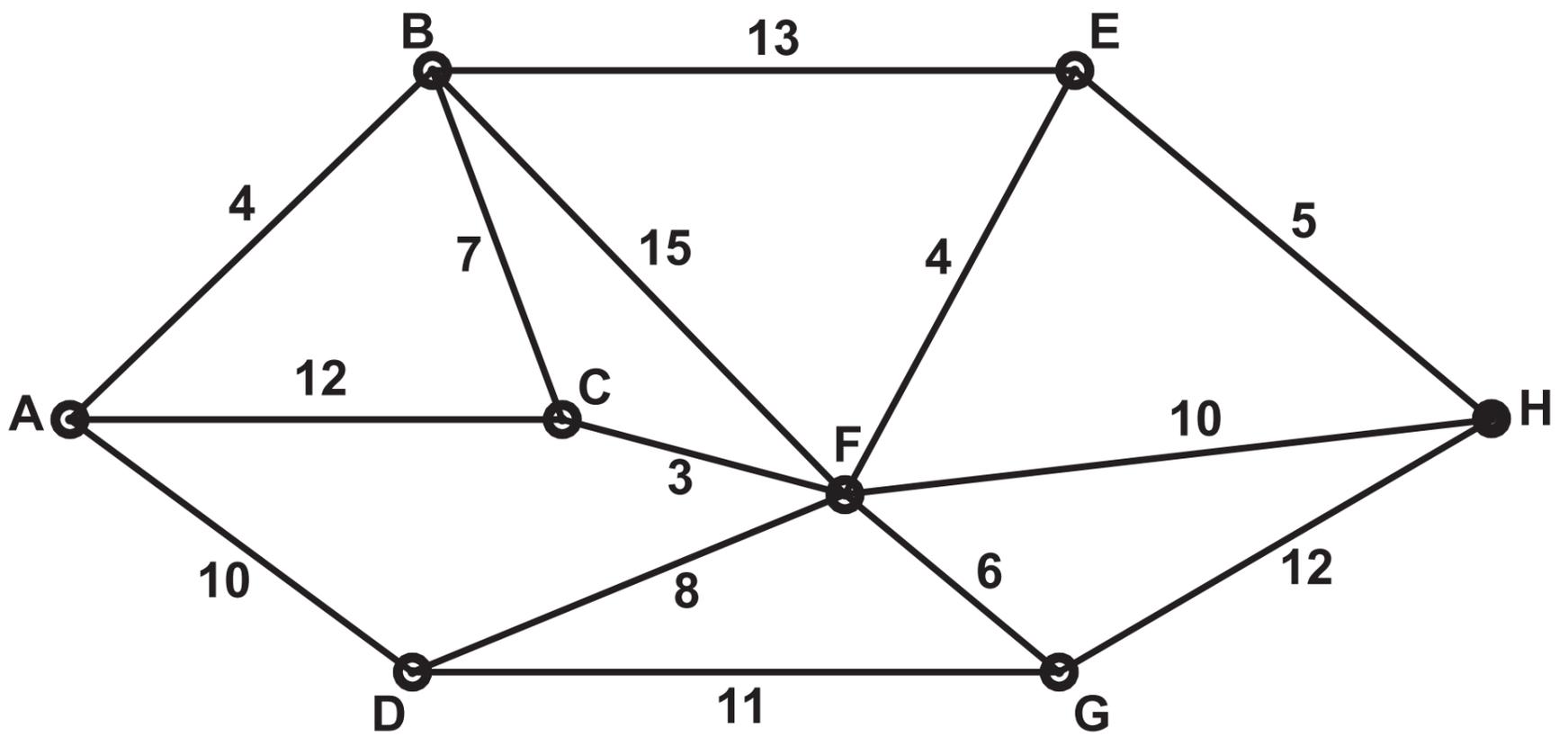
Diagram 4

[The total weight of the network is 120]

Diagram 5

KEY:
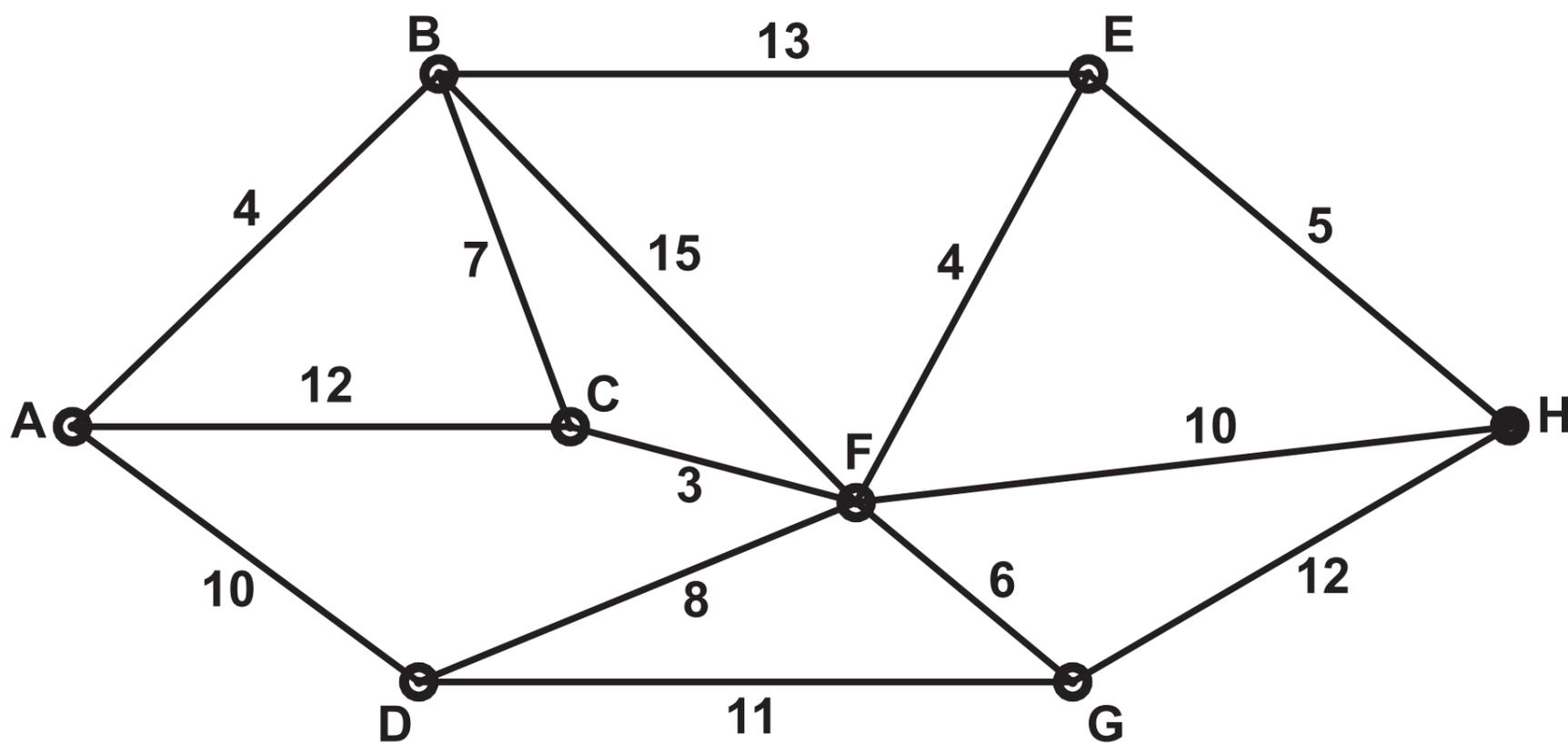
Vertex	Order of labelling	Final value
	Working values	
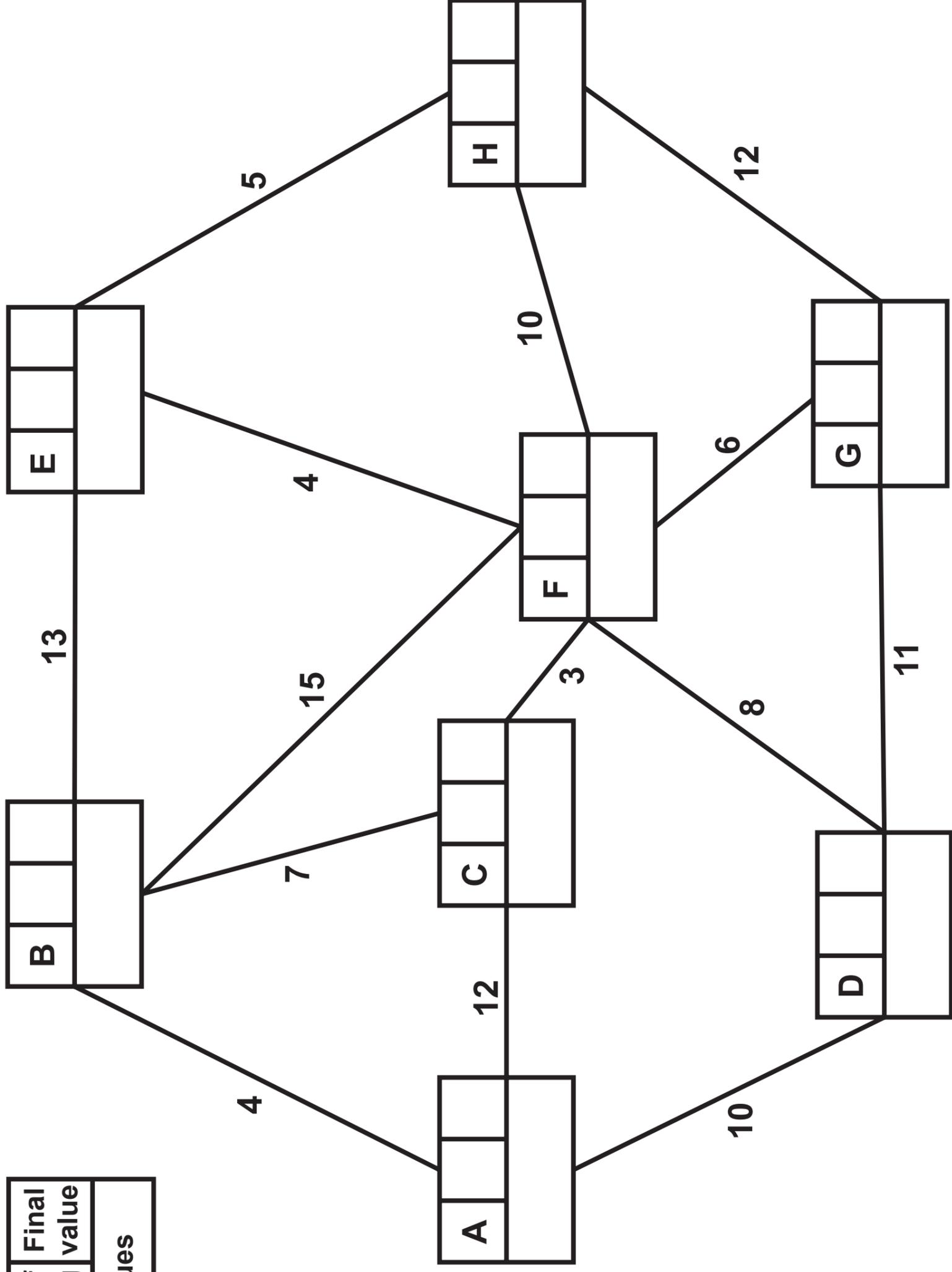
Shortest path _____

Diagram 5

KEY:

Vertex	Order of labelling	Final value
Working values		
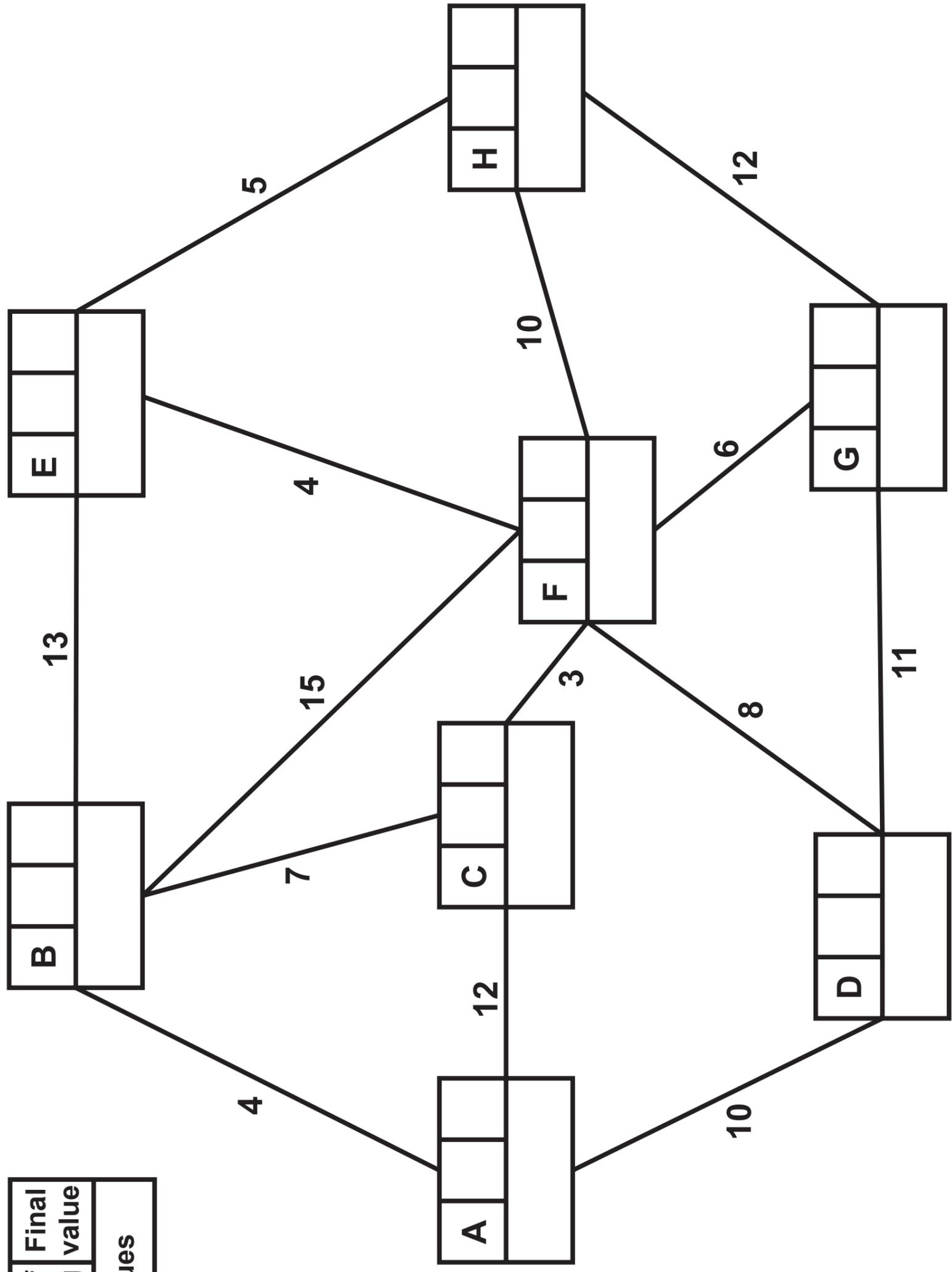
Shortest path _____

Diagram 6

Diagram 6