

1.

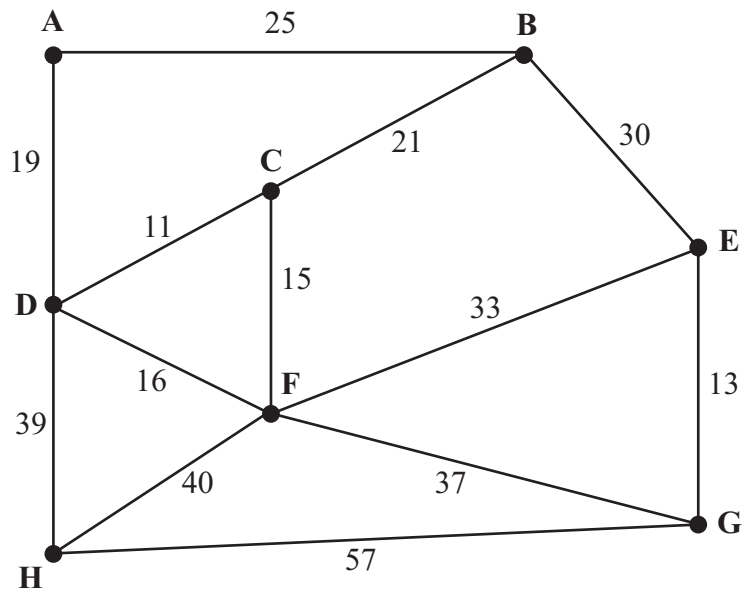


Figure 1



Question 1 continued

(c)

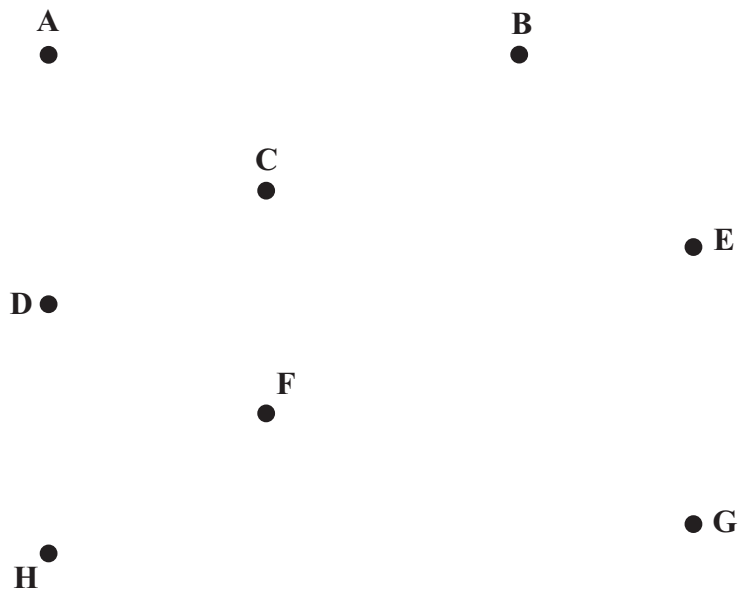


Diagram 1

(d) Weight of tree =

(Total 8 marks)

Q1



2.

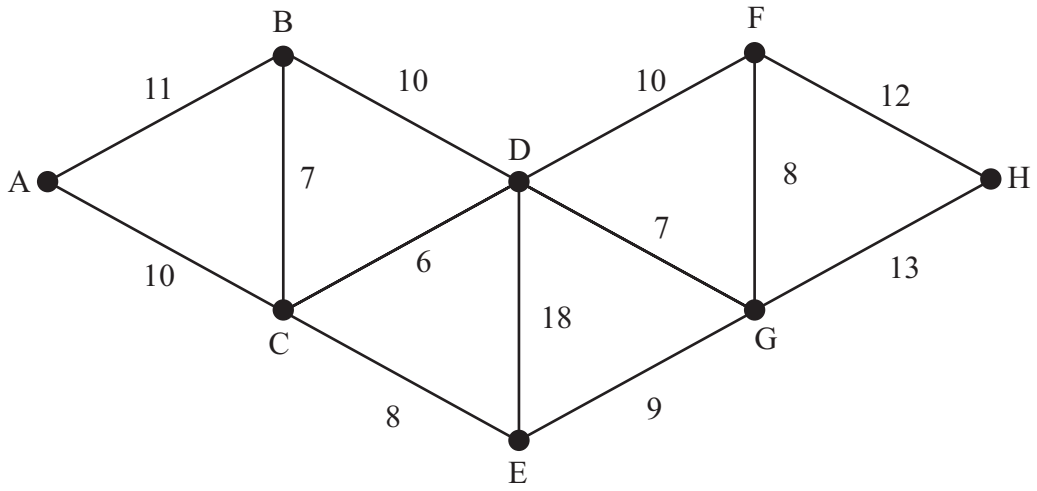


Figure 2



3.

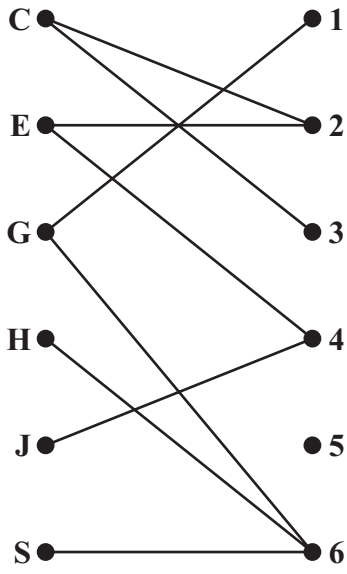


Figure 3

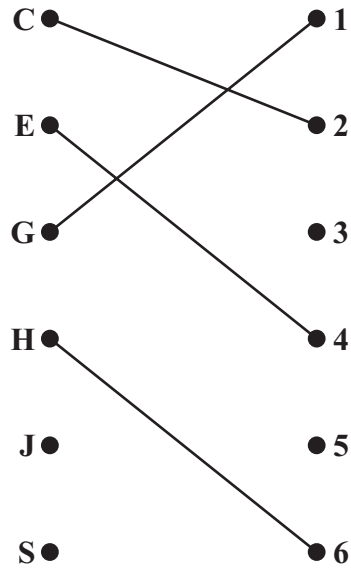


Figure 4



Question 3 continued

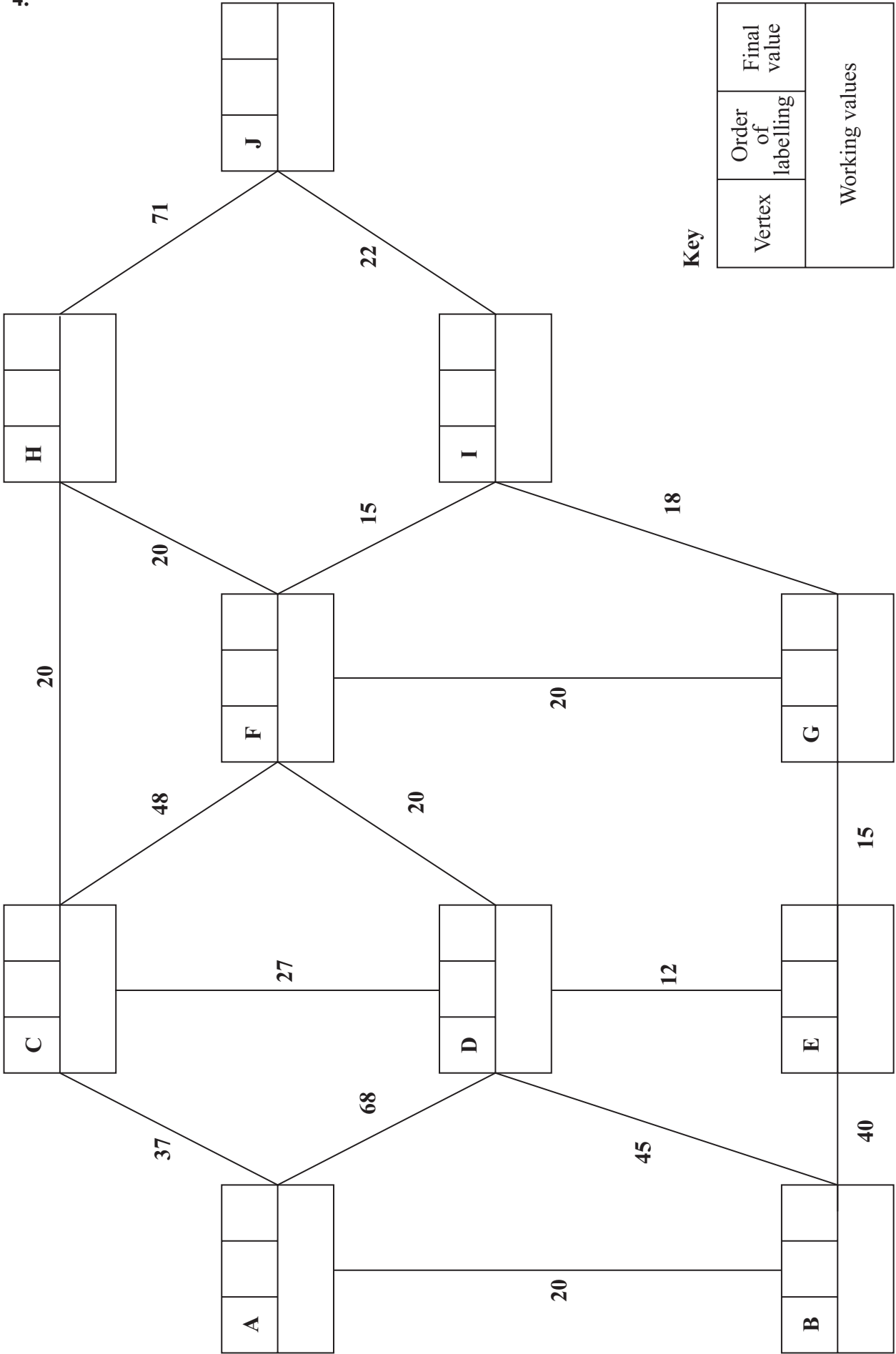
C ●	● 1	C ●	● 1
E ●	● 2	E ●	● 2
G ●	● 3	G ●	● 3
H ●	● 4	H ●	● 4
J ●	● 5	J ●	● 5
S ●	● 6	S ●	● 6

(Total 10 marks)

Q3



4.



Key

Vertex	Order of labelling	Final value
Working values		



Question 4 continued

Blank lined area for writing the answer to Question 4.

(Total 9 marks)

Q4



5.

5 1 8 13 16 5 8 2 15 12 10

Lined area for writing the solution.



6.

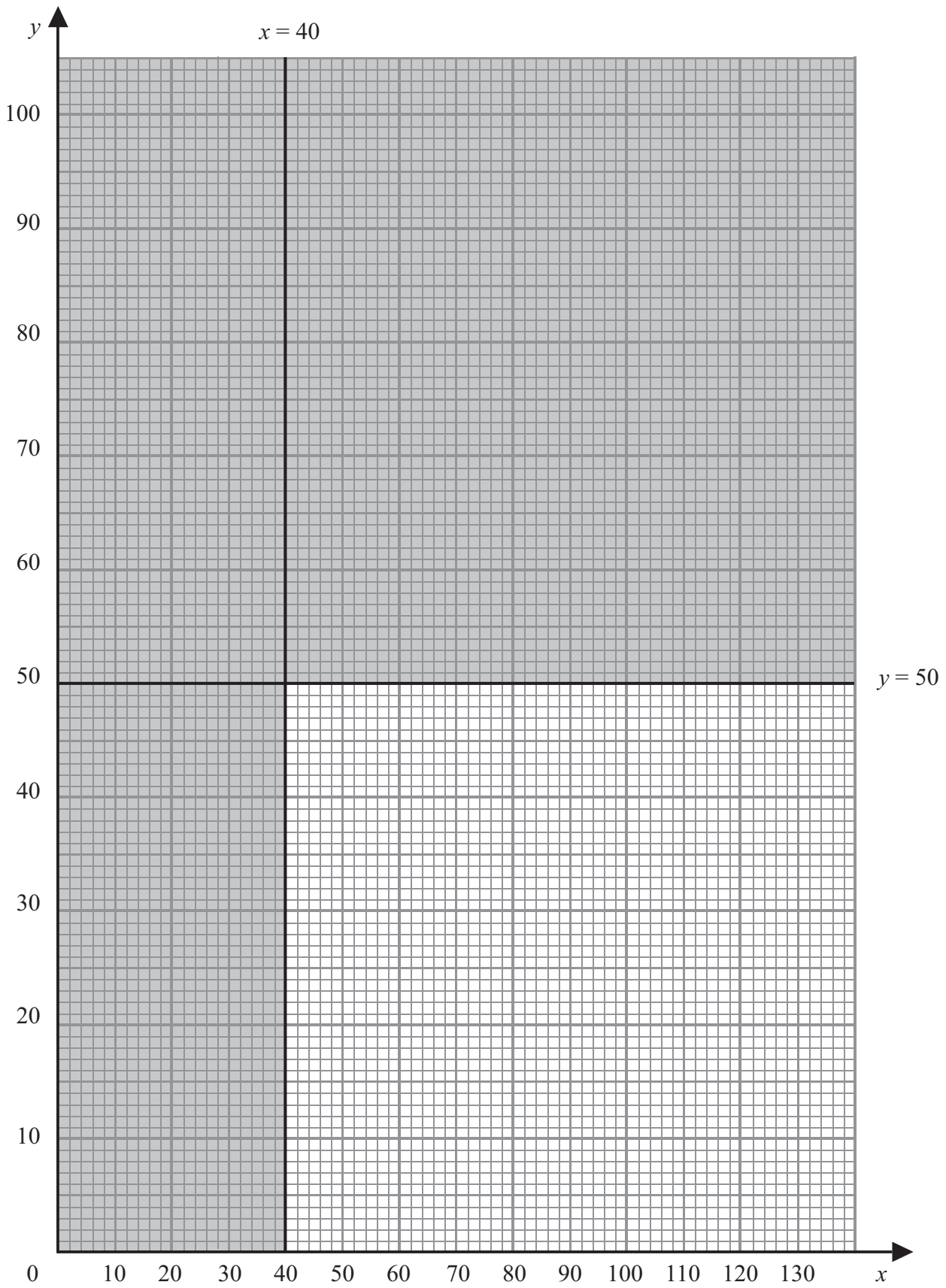


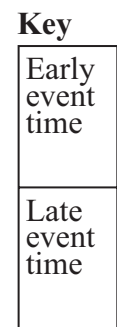
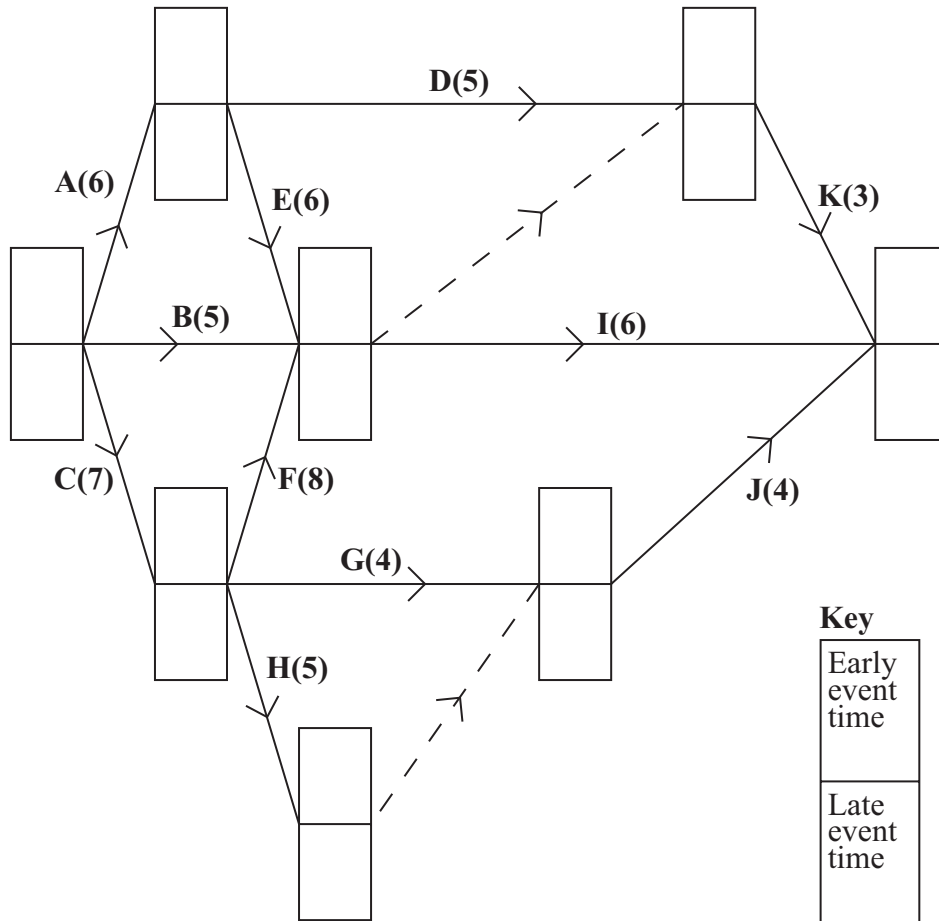
Diagram 1



7. (a) (i) _____

 (ii) _____

(b)



- (c) _____



Question 7 continued

(d)

0 2 4 6 8 10 12 14 16 18 20 22



Question 7 continued

Lined area for writing the answer to Question 7.

Leave blank

(Total 16 marks)

Q7

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TOTAL FOR PAPER: 75 MARKS

END

