

2.

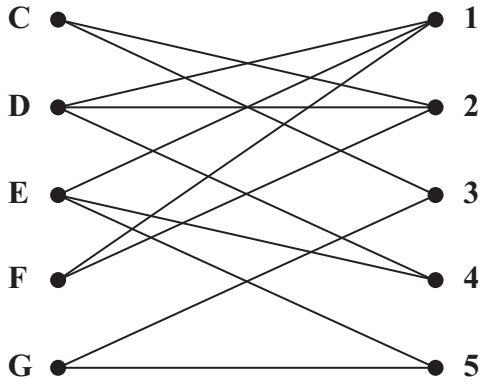


Figure 1

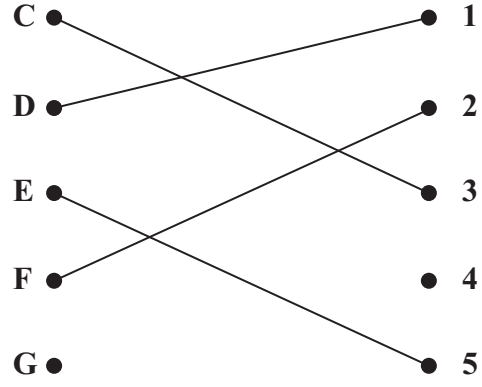


Figure 2



Question 2 continued

- | | | | |
|-----|-----|-----|-----|
| C ● | ● 1 | C ● | ● 1 |
| D ● | ● 2 | D ● | ● 2 |
| E ● | ● 3 | E ● | ● 3 |
| F ● | ● 4 | F ● | ● 4 |
| G ● | ● 5 | G ● | ● 5 |

(Total 7 marks)

Q2



3.

	A	B	C	D	E	F	G
A	-	15	19	-	22	24	-
B	15	-	-	8	13	-	-
C	19	-	-	12	-	16	-
D	-	8	12	-	10	-	18
E	22	13	-	10	-	15	16
F	24	-	16	-	15	-	17
G	-	-	-	18	16	17	-

(a)

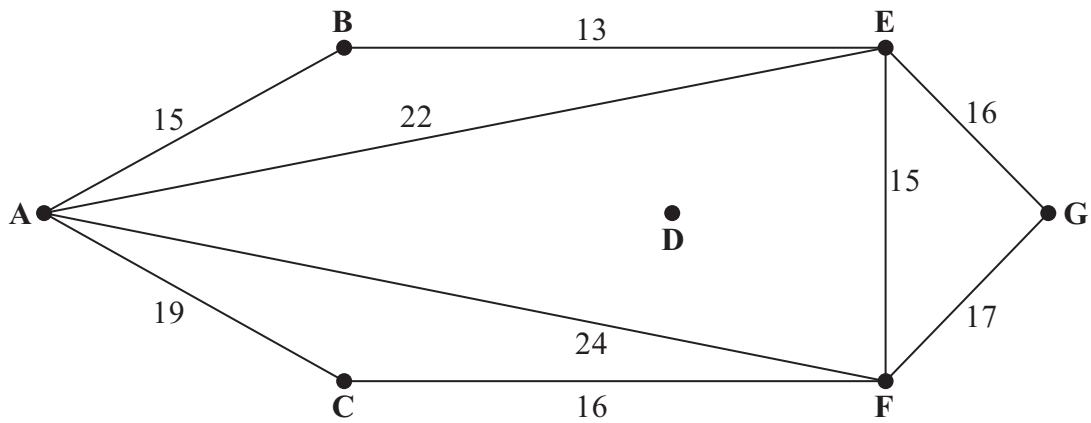


Diagram 1

(b)



Question 3 continued

(c)

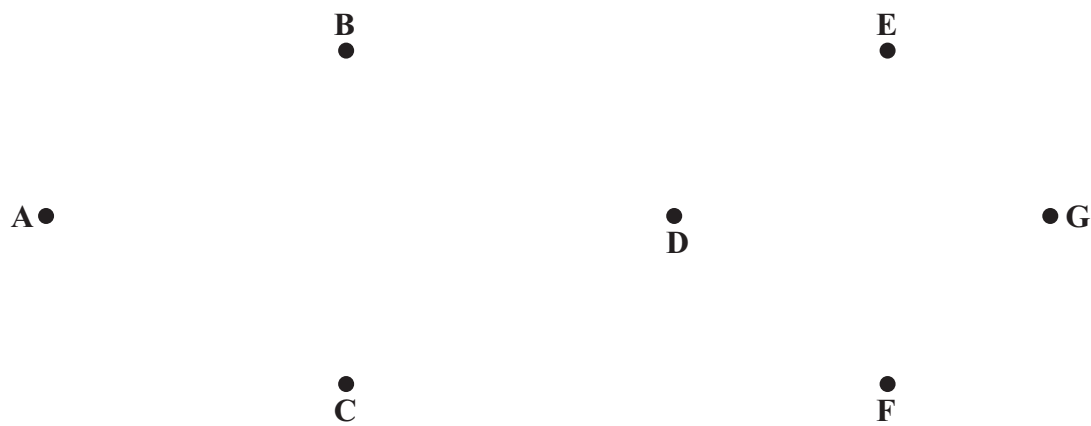


Diagram 2

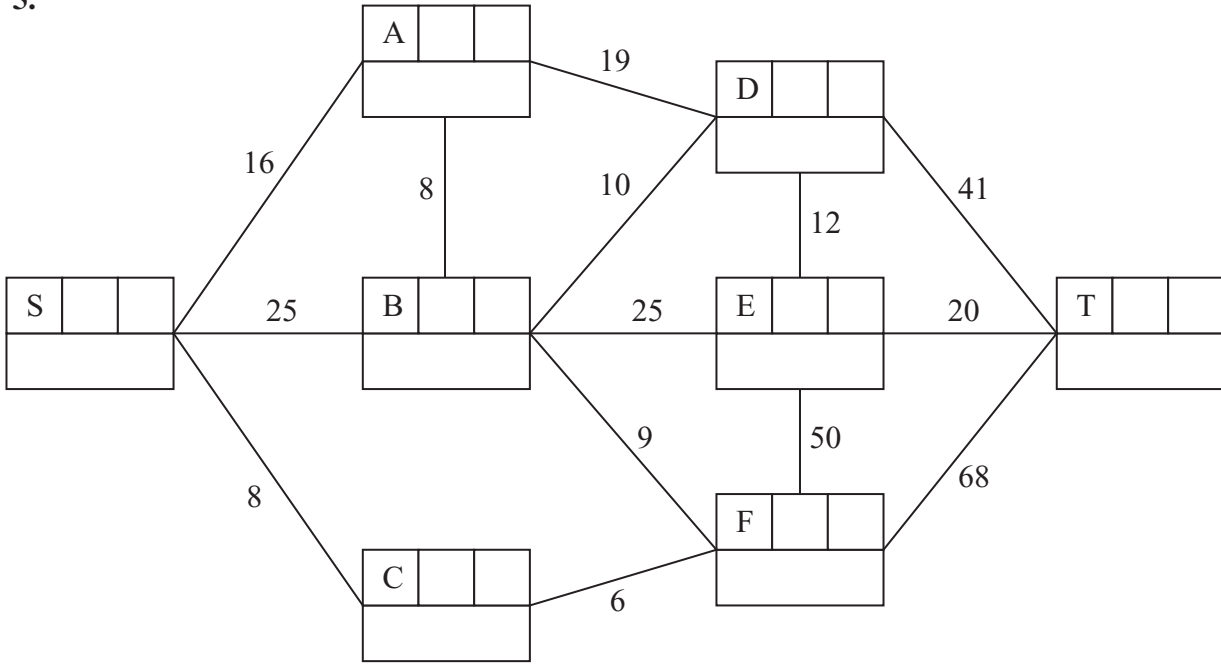
(d) Weight of minimum spanning tree _____

(Total 7 marks)

Q3



5.



Key:

Vertex	Order of labelling	Final value
Working values		

Shortest route: _____

Length of shortest route: _____



6. (a)

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

(b)

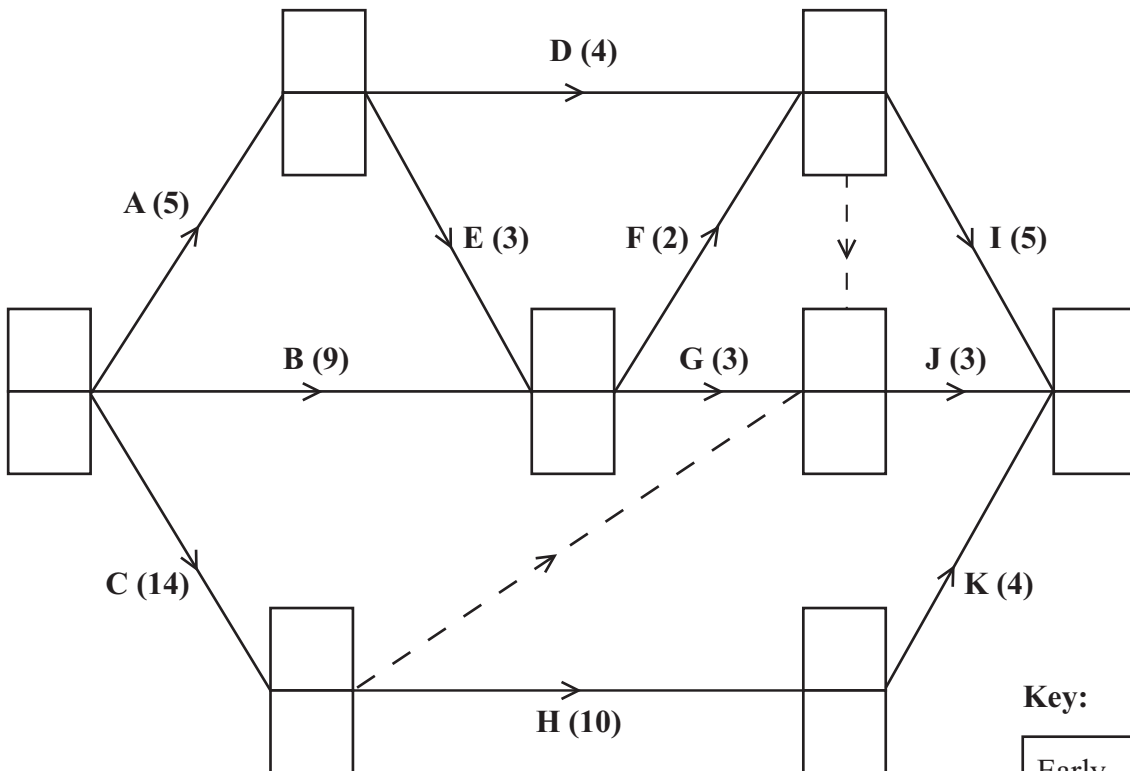


Diagram 1

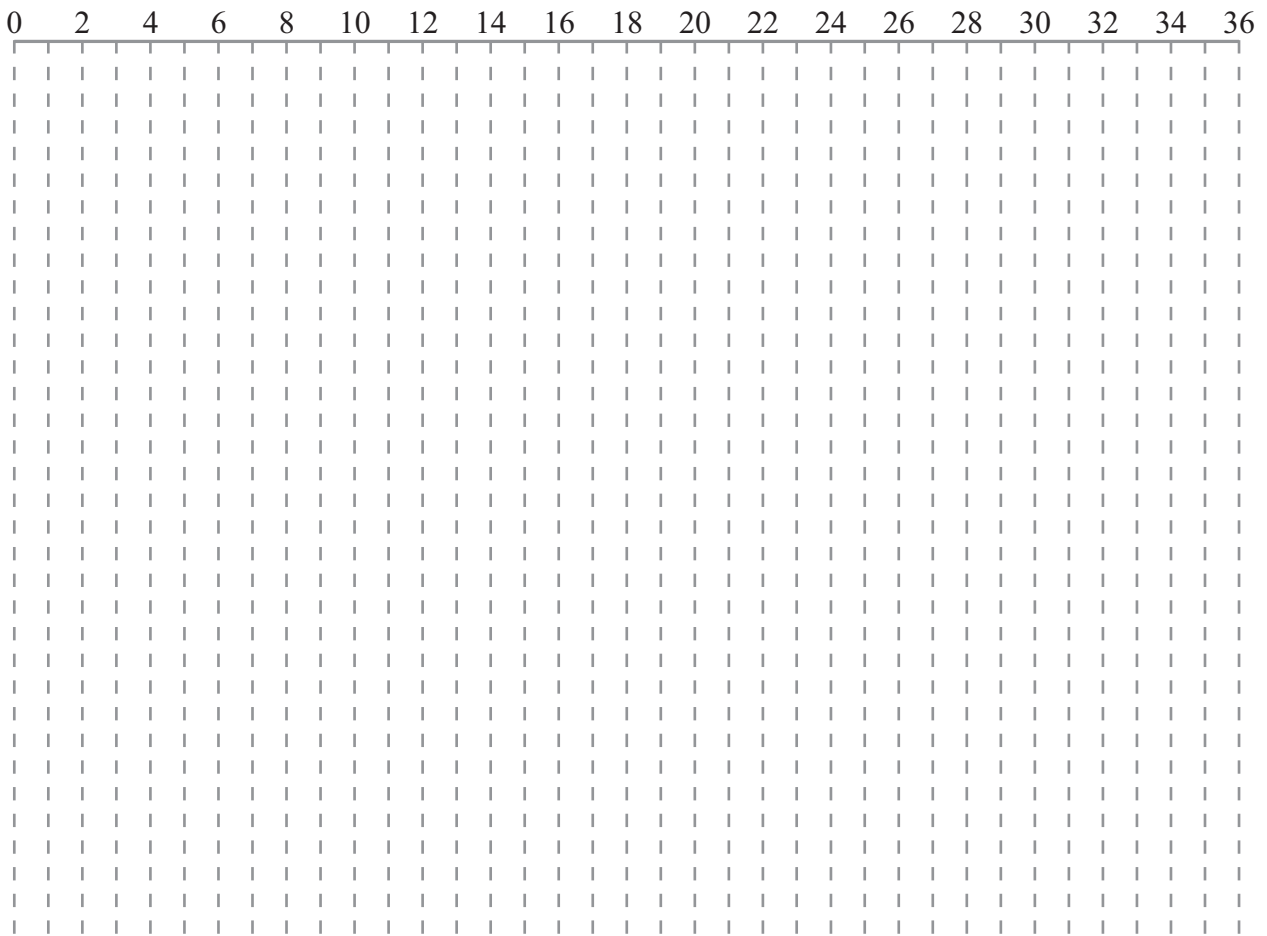
Key:

Early event time
Late event time



Question 6 continued

(e)



(Total 14 marks)

Q6

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