



1.

Hajra (H)	Vicky (V)	Leisham (L)	Alice (A)	Nicky (N)	June (J)	Sharon (S)	Tom (T)	Paul (P)
--------------	--------------	----------------	--------------	--------------	-------------	---------------	------------	-------------

Leave blank



Q1

1



Leave
blank

Leave
blank

	A	B	C	D	E	F	G	H
A	-	31	30	-	-	-	-	-
B	31	-	-		-	-	-	38
C	30	-	-		24		-	-
D	-			-	18	-	-	
E	-	-	24	18	-	28		-
F	-	-		-	28	-	21	-
G	-	-	-	-		21	-	
H	-	38	-		-	-		-

(c)

Q2

[illegible]

Turn over

[illegible]

Leave
blank

Q3

13



4.

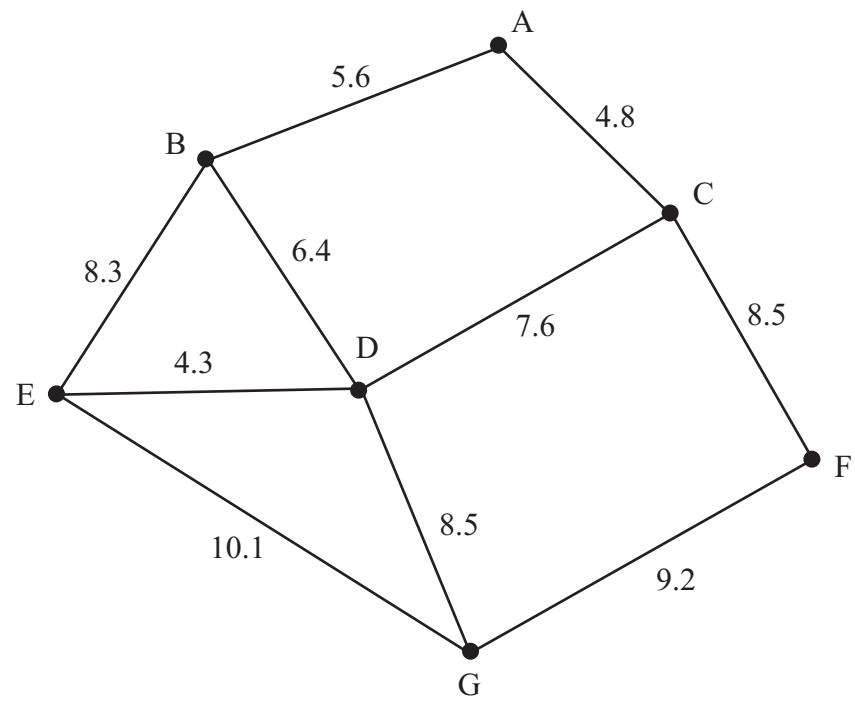


Figure 2

[The total weight of the network is 73.3 km]

Leave
blank



Q4

--	--

Turn over



5.

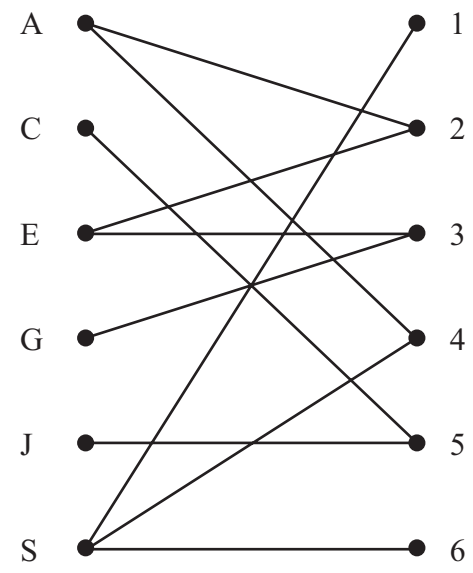


Figure 3

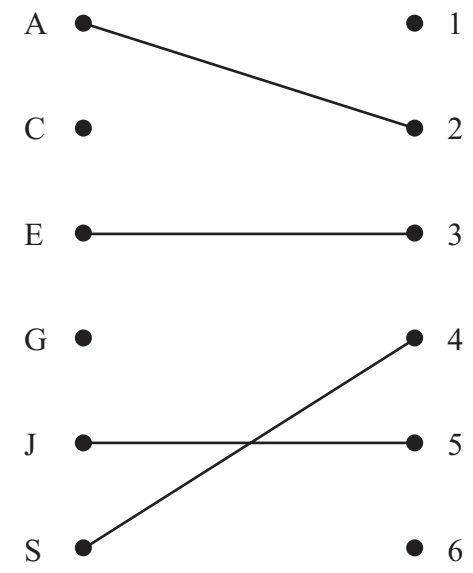
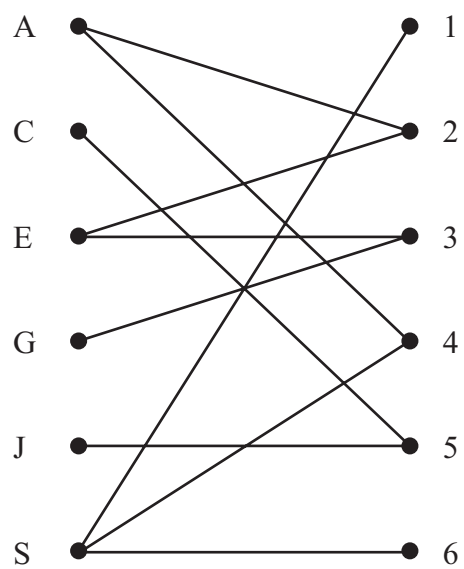


Figure 4

Leave blank



Question 5 continued



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

Leave
blank

Q5

(Total 8 marks)

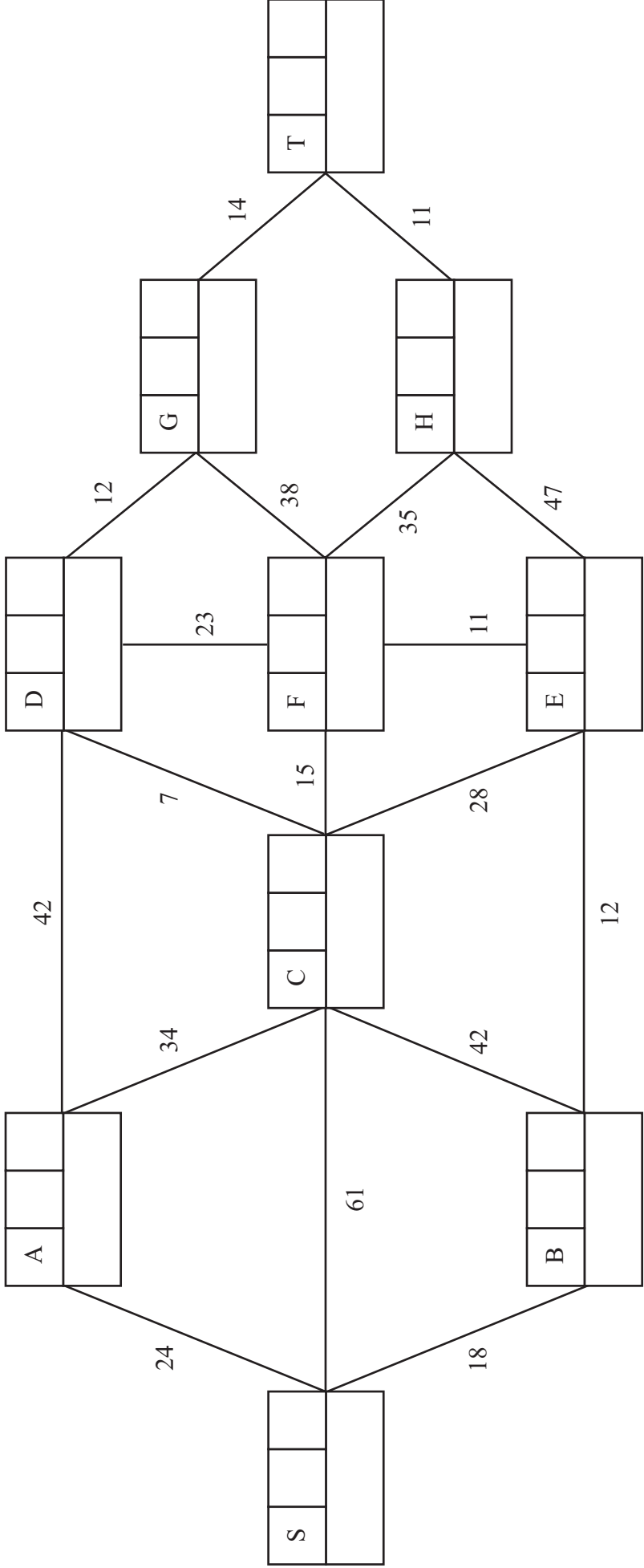




6.

12

(a)



Route S to T:

Time taken for route:

Leave
blank



(9)

(c) Route E to T: _____

Q6

1

Turn over



N 3 5 3 9 9 A 0 1 3 2 0

7.

Leave
blank

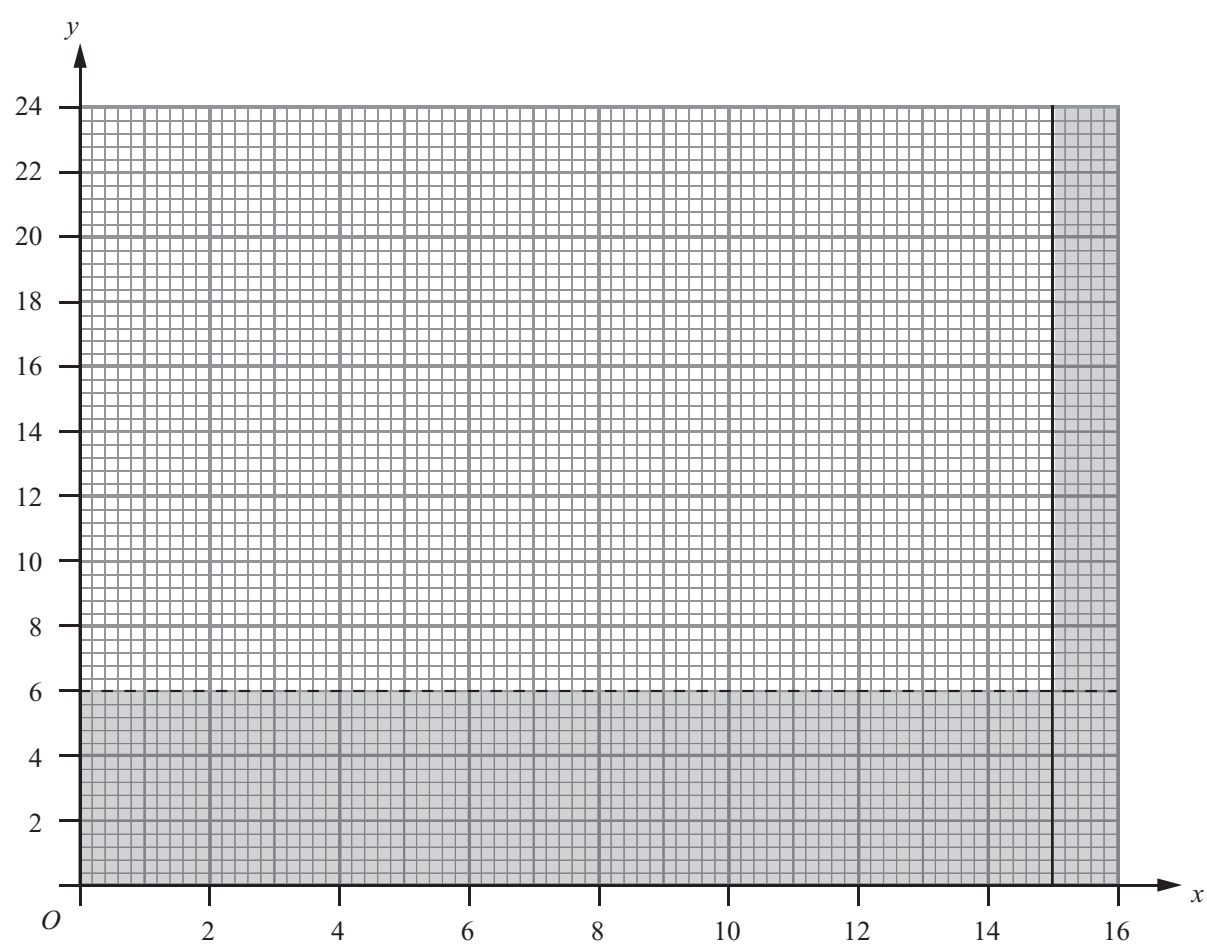


Diagram 1



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Number of 'Circus Fun' activities (y): _____

(Total 11 marks)

Q7

Turn over



8. (a)

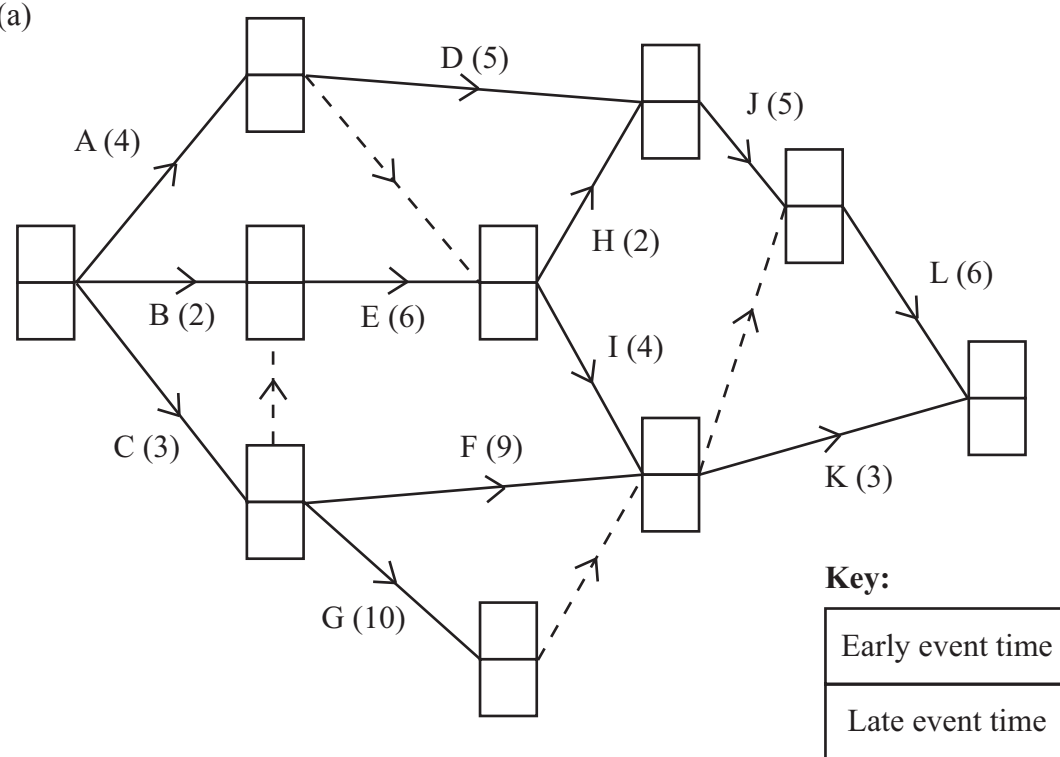


Diagram 2

Key:

Early event time

Late event time

(b) Critical activities: _____



(c)

024681012141618202224

Grid 1

(d)

(Total 11 marks)

TOTAL FOR PAPER: 75 MARKS

END

Leave
blank

Q8



BLANK PAGE



BLANK PAGE



BLANK PAGE

