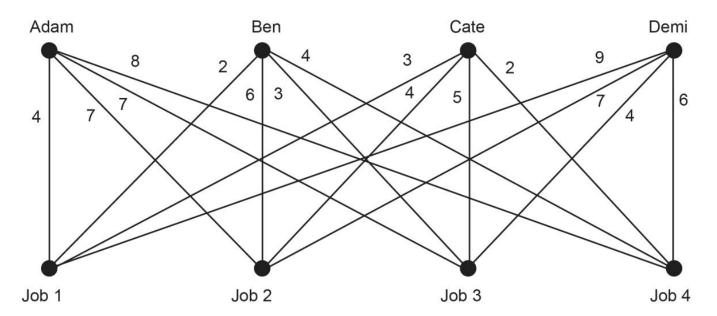
Question 3 (8 marks)

A foreman in a factory has four workers, Adam, Ben, Cate and Demi, and four jobs to complete. The time, in hours, each worker can complete a particular job is given in the weighted bipartite graph below.



(a) Complete the matrix associated with the bipartite graph above. (2 marks)

(b)	Using the Hungarian algorithm, determine which job the foreman should assign of his workers so that the total time is minimised.	to each (6 marks)