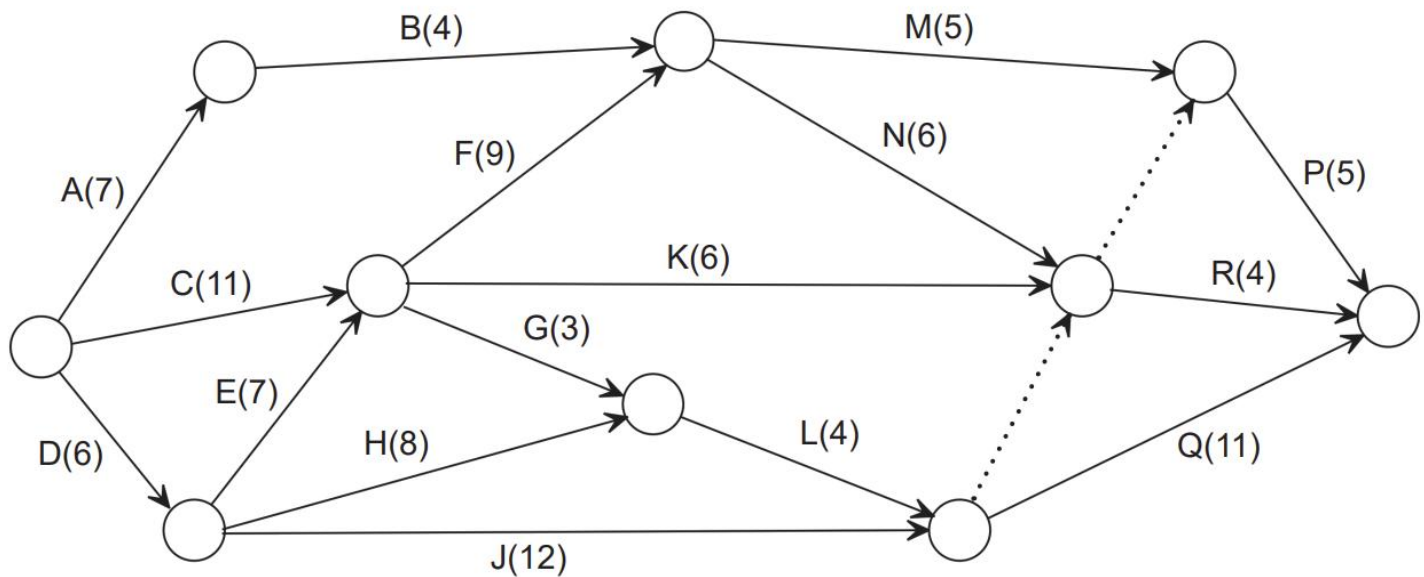


Question 4**(9 marks)**

The project network shown below is to be followed when installing a new conveyor belt system for a mining company. The tasks, with their completion time in days, are shown on the network. The project will commence on 20 November, with work continuing for seven days each week.



- (a) Determine the critical path and the minimum completion time. (2 marks)
- (b) Determine the immediate predecessors for Task P. (2 marks)
- (c) What is the latest date in November that Task H can commence? (2 marks)

- (d) It has been confirmed that there is a delay in obtaining some parts from overseas. This means Task G will take 5 days longer to complete. Discuss all implications for the completion of the project. A copy of the **original** network is given below. (3 marks)

