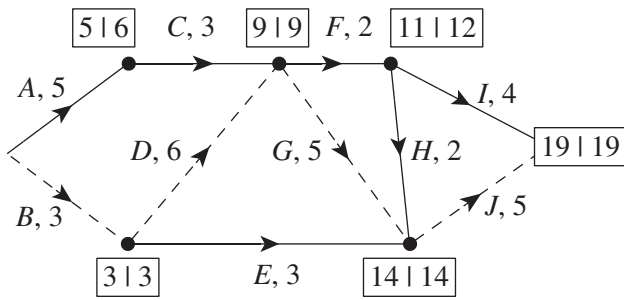


**Question 3** (3 marks)

The earliest and latest completion times have been calculated and appear below.



- a. As can be seen above, the earliest completion time is 19 days. A1
- b. The critical path links the activities with earliest and latest times. Thus it is *BDGJ*. A1
- c. Look at non-critical activities. *A* can extend one day, as can *C* (but not both).  
*G* can extend one day also. *I* can extend two days.  
*E* can actually extend seven days, however. It is activity *E* that can extend the most. A1