

Exercise 6B

1

Activity	Depends on
<i>A</i>	–
<i>B</i>	–
<i>C</i>	<i>A</i>
<i>D</i>	<i>A</i>
<i>E</i>	<i>C</i>
<i>F</i>	<i>B, C, D</i>
<i>G</i>	<i>B, C, D</i>
<i>H</i>	<i>E, F</i>

2 a The dotted line is a dummy. It shows that activity *F* depends on activities *B* and *D*, whereas activity *G* only depends on activity *B*.

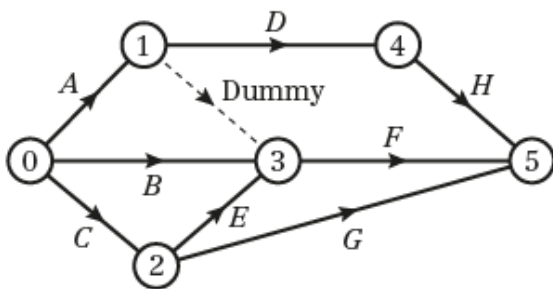
b

Activity	Depends on
<i>A</i>	–
<i>B</i>	–
<i>C</i>	<i>A</i>
<i>D</i>	<i>A</i>
<i>E</i>	<i>C</i>
<i>F</i>	<i>B, D</i>
<i>G</i>	<i>B</i>

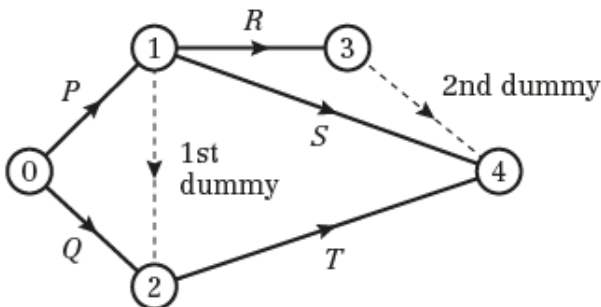
Activity *A* and *B* are linked to the source node and do not depend on any other activities.

Activity *C* is linked to node 1 which depends on *A*.
 Activity *D* is linked to node 1 which depends on *A*.
 Activity *E* is linked to node 3 which depends on *C*.
 Activity *F* is linked to node 2, by the dummy, which depends on *B* and node 4 which is dependent on *D*.
 Activity *G* is linked to node 2 which depends on *B*.

3



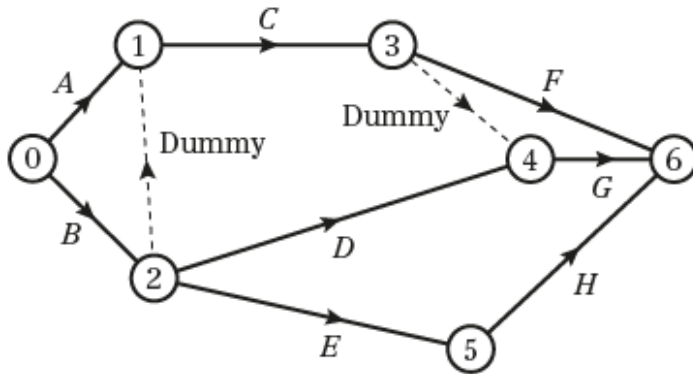
4 a



- 4 b 1st dummy.
 S depends on P only.
 T depends on P and Q .

2nd dummy.
 So that S and R don't share a start and end event.

5



Activity A and B are linked to the source node and do not depend on any other activities.
 Activity C is linked to node 1 which depends on A . It is also linked by a dummy to node 2 which is dependent on B .
 Activity D is linked to node 2 which depends on B .
 Activity E is linked to node 2 which depends on B .
 Activity F is linked to node 3 which depends on C .
 Activity G is linked by a dummy to node 3 which is dependent on C . It is also linked to node 4 which depends on D .
 Activity H is linked to node 5 which depends on E .