Question B)

Identify all paths on the network diagram and how long they are, using Figure 6-8 as a guide for how to represent each path.

Path 1: A-E-I-K-L

Path 2: A-D-F-H-K-L

Path 3: B-F-G-I-K-L

Path 4: B-F-H-K-L

Path 5: C-H-K-L

Question C)

What is the critical path for this project and how long it is?

The critical path of the project is the longed path of the project. In this case the critical path of the project is path B

Question D)

What is the shorted possible time needed to complete this project?

The shortest time needed to complete this project is 36 days by taking path C-H-K-L.