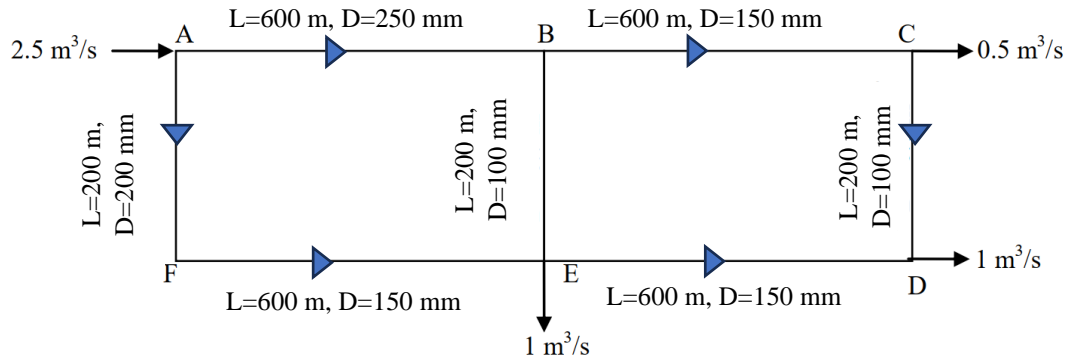


Term Project-Hydraulic Engineering

Consider the pipe network shown below. The friction factor = 0.2. Determine the flow rate in each pipe. Estimate the head at each node also (the head at node A is 15 m).



The pipe material is cast iron and the topographical elevation of pipe nodes are given below,

Node	A	B	C	D	E	F
Elevation m	30	25	20	20	22	25

Conduct a water distribution system analysis for the above network and compare it with the output from EPANET.