ASSIGNMENT

Q 1: Draw a schematic representation of pasteurization of milk using plate heat exchanger

Q 2: A ¾-in, steel pipe is insulated with 2-cm-thick fiberglass insulation. If the inside wall of the pipe is at 150C, and the temperature at the outside surface of the insulation is 35C, (a) calculate the temperature at the interface between the pipe and the insulation and (b) calculate the rate of hear loss for one meter length of pipe.