

QUESTION 2 (10%)

Answer each part of the question.



Figure 1: Schematic diagram of a power plant system showing a steam turbine, a condenser, a pump, and a boiler. The steam turbine is connected to a generator. The condenser is connected to a pump, which is connected to the boiler. The boiler is connected to the steam turbine. The condenser is also connected to a cooling water system.