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Ans 1:

Inferential control system has many excellent performances such as disturbance resisting and set-point tracking, however, the application is restricted when strong load disturbance exists or stable **control** accuracy and response speed are highly **required** in the system

Comparision

In inferential control, the controlled variables that are difficult to measure are estimated and then used in feedback control

It uses easily measured process variables (T,P,F) to infer more difficult to measure quantities such as compositions and molecular weight which is not the case with the feedback control system