RV COLLEGE OF ENGINEERING®, BENGALURU-560059

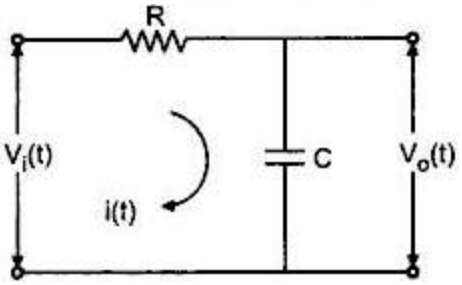
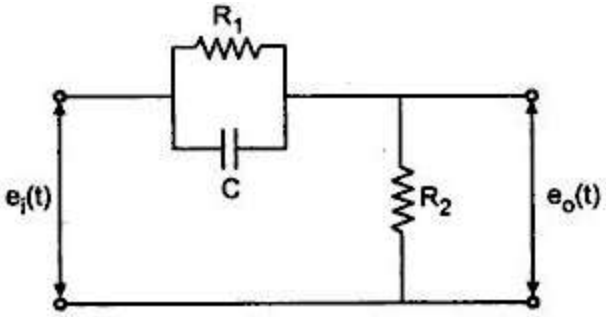
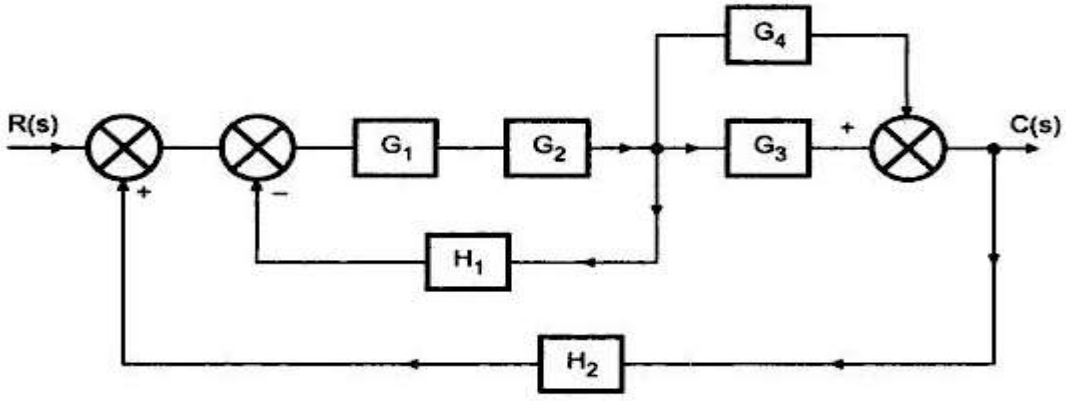
(Autonomous institution affiliated to VTU, Belagavi)

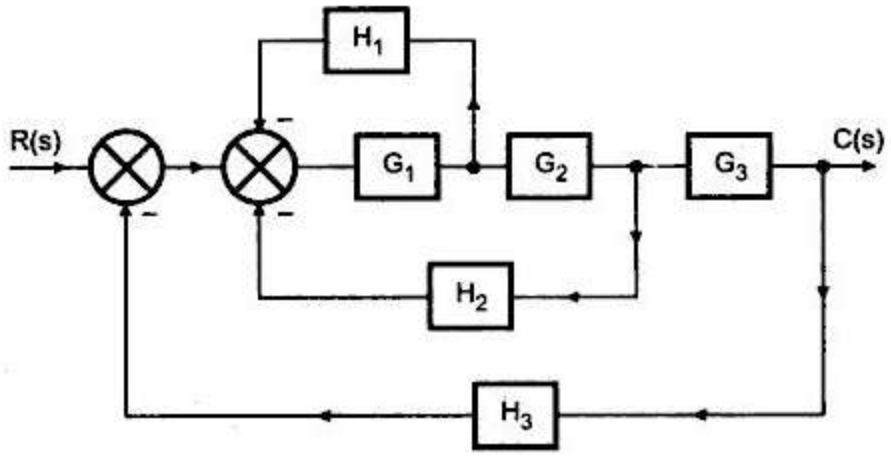
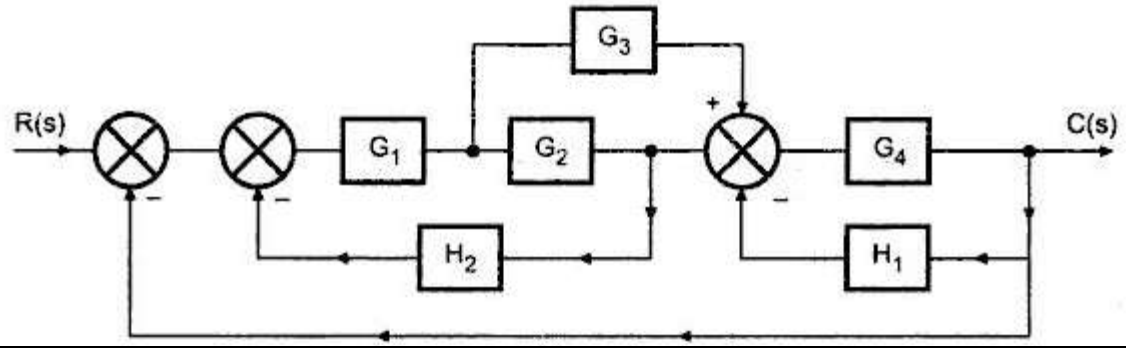
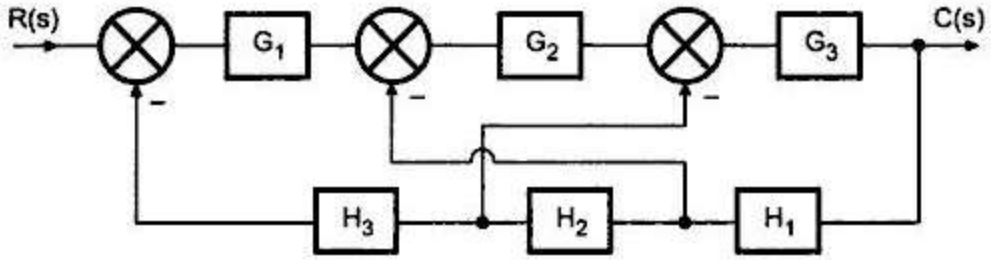
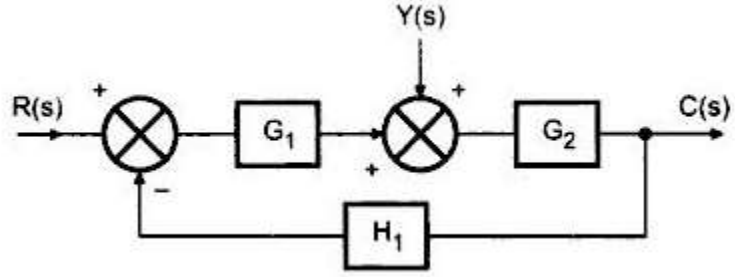
Department of Electronics and Communication Engineering

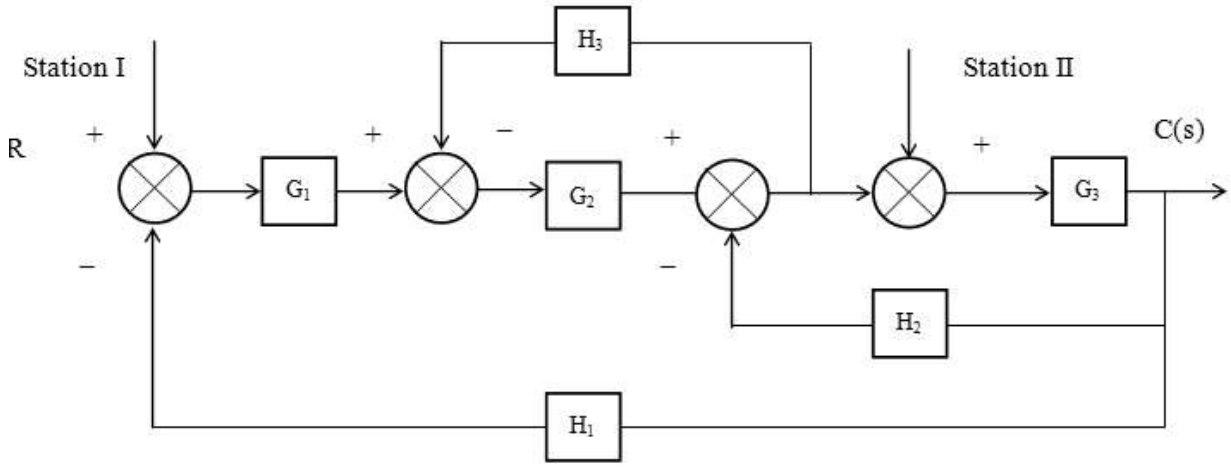
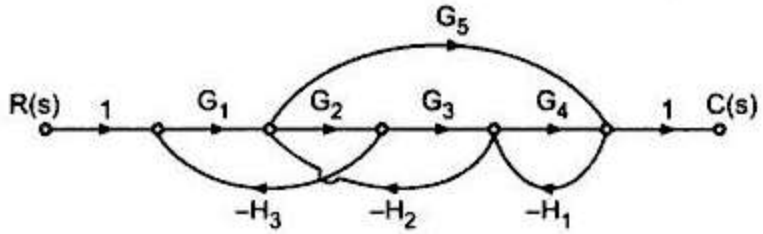
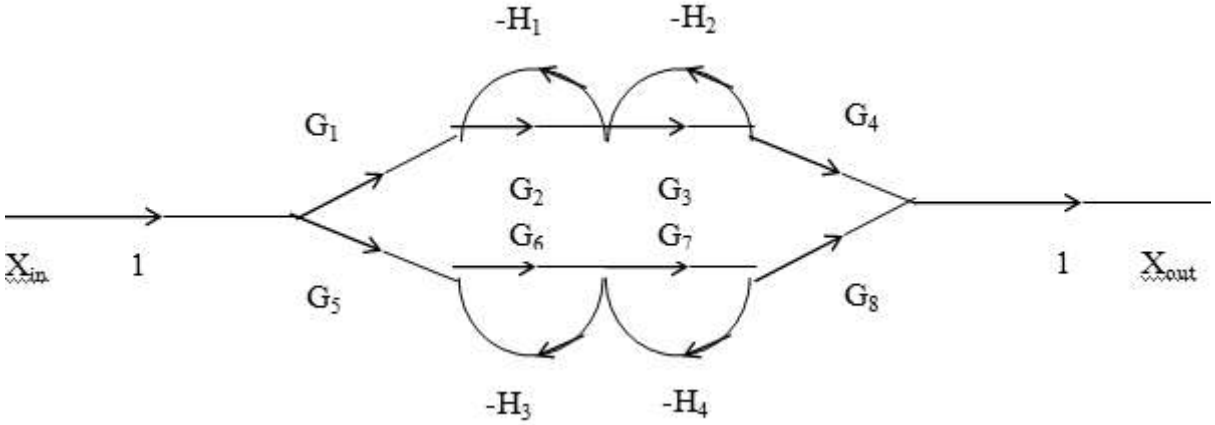
Semester: III

Tutorials – Unit 3

Course: NACS **Course Code: 21EC35**

Sl.No	QUESTION
1.	Find the transfer function for the circuit shown in Figure. 
2.	Find the transfer function for the circuit shown in Figure. 
3.	Reduce the block diagram shown in Figure into simple form and obtain the transfer function. 

4	Reduce the block diagram shown in Figure into simple form and obtain the transfer function. 
5.	Reduce the block diagram shown in Figure into simple form and obtain the transfer function. 
6.	Reduce the block diagram shown in Figure into simple form and obtain the transfer function. 
7.	Reduce the block diagram shown in Figure into simple form and obtain the C(S) in terms of R(S) and Y(S). 
8.	For the system represented by the block diagram shown in figure. Evaluate the closed loop transfer function when the input R is

	i) At station I ii) At station II 
9.	Find transfer function for the signal flow shown in Fig. 
10.	Find transfer function for the signal flow using Mason's gain formula shown in Fig. 

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