

29. Write short notes on firing angle control methods? CO3 [K₂]
30. What are the various types of series compensator? Write any one type of variable series compensator. [K₃]
CO3

PART D (2 x 10 = 20 Marks)

31. Draw the basic of TCSE modules. Explain it with different modes of operation CO1 [K₂]
32. Describe the linear control techniques used for coordination's of multiple FACTS Controller CO3 [K₃]
- a) LQR based techniques
 - b) Global co-ordination using non linear constrains operation
 - c) Control coordination using genetic algorithm
