

Tutorial 4

- Q1. What are the methods of speed control of dc motors?
- Q2. What is meant by armature resistance control?
- Q3. What are the advantages and disadvantages of armature resistance control of dc shunt motor?
- Q4. What is meant by flux control method?
- Q5. What are the methods of speed control of dc series motor?
- Q6. What is meant Ward Leonard system?
- Q7. What are the advantages and disadvantages of Ward Leonard system?
- Q8. What are the methods of speed control of induction motors?
- Q9. What it is meant by voltage control?
- Q10. What is frequency control?
- Q11. What are the different types of slip power control system?
- Q12. What is meant by slip power?
- Q13. What are the advantages of slip power recovery system?
- Q14. What are the different types of slip power recovery system?
- Q15. What is meant by Kramer system?
- Q16. What are advantages of conventional Kramer method?
- Q17. What is the function of static Kramer system?
- Q18. Define slip power control. What is meant by slip power recovery system?
- Q19. What is the function of conventional Kramer System?
- Q20. Where static Kramer drive is used?
- Q21. What are the advantages of static Kramer system?
- Q22. What are applications of static Scherbius drive system?
- Q23. What are the advantages and disadvantages of static Scherbius drive?

- Q24. Compare conventional method of Kramer and Scherbius system
- Q25. What is meant by controlled rectifier?
- Q26. What is meant by electric drive?
- Q27. What is meant by electric-drive system?
- Q28: What is meant by dc drives?
- Q29. What are the different types of dc drives?
- Q30. What are the two basic methods of speed control of dc motors?
- Q31. What are the different types of single phase dc drives?
- Q32. What are the different types of chopper?
- Q33. What is meant by duty cycle?
- Q34. What are the advantages of dc chopper drives?