Q1. What is meant by mechanical characteristics?

Q2. Draw the speed-torque characteristics of dc shunt motor.

Q3. Draw the speed-torque characteristics of dc series motor.

Q4. A series motor should never be started without some mechanical load why?

Q5. What are the different types of dc motor?

Q6. What is meant by electrical characteristics?

Q7. What is the relation between speed and flux of a dc motor?

Q8. What is the application of dc motor?

Q9. A dc shunt motor is called as constant speed motor-why?

Q10. What is mean by braking?

Q11. What are the two types of braking?

Q12. What is meant by mechanical braking?

Q13. What is meant by electric braking?

Q14. What are the different types of electric braking?

Q15. What are the advantages of electric braking?

Q16. What is meant by regenerative braking?

Q17. What is meant by dynamic braking?

Q18. What is meant by plugging?

Q19. Draw the plugging characteristics of dc series and separately excited motor.

Q20. Draw the dynamic braking characteristics of separately excited and series motor.

Q21. Draw the regenerative 6raking characteristics of separately excited motor.

Q22. What are the disadvantages of dc machine?

Q23. What are the advantages of squirrel cage induction motor?