

By OnlineInterviewQuestions.com

Electrical Drives MCQ Test

Take Electrical Drives MCQ Test & Online Quiz to test your Knowledge

Practice here the best **Electrical Drives MCQ Questions** that check your basic knowledge of Electrical Drives. This **Electrical Drives MCQ Test** contains 20+ Multiple Choice Questions. You have to select the right answer to the question. apart from this, you can also download **Electrical Drives MCQ PDF**, completely free.

Q1. Which of the following electrical braking system is preferred In industries ?

- A. Plugging braking
- B. Dynamic braking
- **C. Regenerative braking.**
- D. None of the above

Q2. Which of the following was the first city in India to adopt electric traction?

- A. Kolkata
- **B. Mumbai**
- C. Delhi
- D. Chennai

Q3. Which of the following type electric drive is used in cranes?

- A. Individual
- **B. Multimotor**
- C. Group
- D. None of the Above

Q4. Which of the following is the basic elements of a electric drive?

- A. Control system
- **B. Electric motor**

- **C. Both 1 & 2**
- D. None of the above

Q5. is preferred for automatic drives.

- A. Shunt Motor
- B. Synchronous motors
- C. Squirrel cage induction motor
- **D. Ward Leonard controlled dc motors**

Q6. Which of the following drive is also called as Line shaft drive?

- A. Individual drive
- **B. Group Drive**
- C. Multimotor drive
- D. None of the above

Q7. Which of the following drive is used for metal-cutting machines tools, rolling mills etc.

- A. Group Drive
- B. Individual drive
- **C. Multimotor drive**
- D. All of the above

Q8. Which of the following type of force handles for active torques?

- A. Weak nuclear forces
- B. Electrostatic forces
- C. Strong nuclear forces
- **D. Gravitational forces**

Q9. Is reverse motoring mode available in fourth quadrant?

- **A. Yes**
- B. No

Q10. Which of the following is an example of variable loss?

- A. Friction loss
- B. Windage loss
- C. Hysteresis loss
- **D. Armature copper loss**

Q11. Which of the following is the unit of torque?

- **A. N-m**
- B. N-Hz
- C. N-m²
- D. N-m/sec

Q12. Which of the following is a mark to space ratio?

- **A. Ton÷Toff**
- B. Ton÷Toff
- C. Ton÷(Ton- Toff)
- D. Ton÷2×(Ton*Toff)

Q13. are best for the rolling mills.

- **A. D.C. motors**
- B. Single phase motors
- C. Slip ring induction motors
- D. Squirrel cage induction motors

Q14. Which of the following option has least range of speed control?

- A. Schrage motor
- B. D.C. shunt motor
- **C. Synchronous motor**
- D. Slip ring induction motor

Q15. Which of the following part of a motor needs maximum attention for maintenance?

- **A. Rearing**
- B. Stator winding
- C. Rotor winding

- D. None of the above

Q16. Which of the following motor is a constant speed motor?

- A. Schrage motor
- B. Induction motor
- C. Universal motor
- **D. Synchronous motor**

Q17. Which of the following is the disadvantage of rotor resistance control?

- A. High line power factor
- B. Absence of line current harmonics
- **C. Speed changes very widely with load variation**
- D. Availability of full rated torque at starting

Q18. What are the basic requirements of a braking system?

- A. It should be inexhaustible
- B. Easy to use for driver to operate
- C. The maintenance should be a minimum
- **D. All of the above**

Q19. DC series motor behaves as a in dynamic braking?

- A. Thyristor
- B. Transformer
- C. Induction motor
- **D. Separately excited motor**

Q20. Which of the following is the formula for thermal voltage?

- A. $K \times T \div e$
- **B. $K \times e \div T$**
- C. Both A & B
- D. None of the above