



**5. Five percent increase in supply frequency will change the synchronous speed by**

- a. - 10%
- b. - 5%
- c. + 5%
- d. + 10%

**6. The inexpensive way to improving energy efficiency of a motor which operates consistently at below 40% of rated capacity is by**

- a. Operating in star mode
- b. Replacing with the correct sized motor
- c. Operating in delta mode
- d. None of the above

**7. Which of the following is an AC motor?**

- a. Slip ring motor
- b. Synchronous motor
- c. Squirrel cage induction motor
- d. All of the above

**8. Which of the following information available on name plate of a motor?**

- a. HP rating
- b. RPM
- c. Frame model
- d. All of the above

**9. Which of the following motors is best suited for cranes and hoists?**

- a. Series motor
- b. Shunt motor
- c. Standard compound motor
- d. None of the above

**10. The speed of an AC motor depends on**

- a. Frequency
- b. Number of poles
- c. Both a and b
- d. None of the above

*Test your knowledge: Electric Motors*

<b>ANSWERS</b>				
1. b	2. b	3. c	4. d	5. c
6. a	7. d	8. d	9. b	10. c