

Automatic Control Systems MCQ Questions & Answers | Electrical Engineering

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Important Theory

21. A system is highly oscillatory if

- A. ☐ Gain margin is high
- B. ☐ Gain margin is close to 1
- C. ☐ Gain margin is close to 1 or phase margin is zero
- D. ☐ Gain margin is high and phase margin is 180°

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option C

No explanation is given for this question [Let's Discuss on Board](#)

22. In a two phasor servomotor, the direction of rotation of the rotating field depends on

- A. ☐ Magnitudes of voltages applied to the two stator windings
- B. ☐ Phase relation of voltages applied to the two stator windings
- C. ☐ Both magnitude and phase relationship of voltages applied to the two stator windings
- D. ☐ None of the above

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option B

No explanation is given for this question [Let's Discuss on Board](#)

23. Which of the following is open loop system?

- A. ☐ Wind screen wiper
- B. ☐ Aqualing
- C. ☐ Respiratory system of animal
- D. ☐ System for controlling antirocket missiles

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option A

No explanation is given for this question [Let's Discuss on Board](#)

24. The poles with greater displacement from the real axis correspond to

- A. ☐ Higher frequencies of oscillations
- B. ☐ Stable response
- C. ☐ Lower frequencies of oscillations
- D. ☐ Unbounded output

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option A

No explanation is given for this question [Let's Discuss on Board](#)

25. The sensor generally used in incremental optical encoder is

- A. ☐ LED
- B. ☐ LCD
- C. ☐ Photodiode
- D. ☐ Either (a) or (b)

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option C

No explanation is given for this question [Let's Discuss on Board](#)

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