

Last name First name

Task 1 of chapter 1

Q1. What is a control system?

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Q2. What is the difference between an open-loop and a closed-loop control system?

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Q3. What are the main components of a closed-loop control system?

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Q4. What is a plant in the context of control systems?

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Q5. What are the main objectives of a control system?

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Q6. What is feedback, and why is it important?

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Q7. What is the difference between a continuous and a discrete control system?

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Q8. What is a linear system, and why is linearity important in control?

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Q9. What are the main types of disturbances in a control system?

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Q10. What is the role of a sensor in a control system?

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