

# Book 1-5 Review

- 1-5-1 Mathematics for Parallel Circuits (3 questions)
  - Read Building a Foundation in Mathematics Chapter 2
    - Adding fractions
    - Subtracting fractions
  - Read Building a Foundation in Mathematics Chapter 11
    - Writing and simplifying ratios
- 1-5-2 How Voltage Functions in a DC Parallel Circuit (3 questions)
  - Read DC Theory chapter 5
    - Pages 114-124
- 1-5-3 Resistance in a DC Parallel Circuit (3 questions)
- Read information sheet associated with 1-5-3
  - Read DC Theory chapter 5
    - Pages 113-127
- 1-5-4 How Current Reacts in a DC Parallel Circuit (4 questions)
  - Read DC Theory chapter 5
    - Pages 113-127
- 1-5-5 How to Calculate Power in a DC Parallel Circuit (4 questions)
- Read information sheet associated with 1-5-5
  - Read DC Theory chapter 5
    - Pages 113-127
- 1-5-6 The Principles of Magnetism (3 questions)
- Read information sheet associated with 1-5-6
  - Read DC Theory chapter 9
    - Pages 197-207
- 1-5-7 Magnetic Induction (3 questions)
  - Read information sheet associated with 1-5-7
  - Read DC Theory chapter 9
    - Pages 197-207
  - Read DC Theory chapter 10
    - Introductions - thru – DC generator connections
- 1-5-8 Ratios and Proportions (5 questions)
  - Read information sheet associated with 1-5-8
- 1-5-9 The Electric System (5 questions)
  - Read information sheet associated with 1-5-9
  - Read The Guidebook for Lineman & Cableman Chapter 3
    - Electrical Distribution
  - Read The Guidebook for Lineman & Cableman Chapter 10
    - Pages 323-328

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- 1-5-10 Wire Sizes, Types, and Characteristics (1 question)
  - Read information sheet associated with 1-5-10
- 1-5-11 Stringing Wire (4 questions)
  - Read information sheet associated with 1-5-11
  - Read The Guidebook for Lineman & Cableman Chapter 8
    - Tension Stringing
- 1-5-12 Sagging and Tying In Conductors (3 questions)
  - Read information sheet associated with 1-5-12
  - Read The Guidebook for Lineman & Cableman Chapter 8
    - Sagging Conductor
- 1-5-13 Connecting an Overhead Service (3 questions)
  - Read information sheet associated with 1-5-13
  - Read The Guidebook for Lineman & Cableman Chapter 8
    - Stringing Service to the Customer
- 1-5-14 Insulate or Isolate (3 questions)
  - Read information sheet associated with 1-5-14
  - Read The Guidebook for Lineman & Cableman Chapter 1
    - Rubber Gloves as Personal Protective Equipment
  - Read The Guidebook for Lineman & Cableman Chapter 18
    - Introduction to Barehand Work
- 1-5-15 Insulated Platforms and the Second Point of Contact (2 questions)
  - Read information sheet associated with 1-5-15
- 1-5-16 Good Housekeeping (1 questions)
  - Read information sheet associated with 1-5-16

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