

## **Skills, Knowledge, and Abilities Test (SKAT - Meterman) Information Sheet and Sample Questions**

The following job classifications require SKAT – Meterman:  
Meterman

### **Electrical Test Sections**

Basic Electricity

- Basic electrical theory and measurement including:
  - Symbols and formulas
  - Direct current – series and parallel
  - Wiring diagrams
  - One-line diagrams
  - Transformers
  - Troubleshooting
  - Alternating Current

### **Metering Test Sections:**

Metering Formulas and Electrical Concepts including:

- Power in AC circuits
- True power
- Apparent power
- Reactive power
- Power factor

Please note: All tests are timed  
Calculators are allowed

**INFORMATION ABOUT THE  
GEORGIA POWER COMPANY  
APPRENTICE METERMAN  
SKILLS AND KNOWLEDGE ASSESSMENT TEST (AM-SKAT)**

The Apprentice Meterman Skills and Knowledge Assessment Test will include the following:

**Basic Electricity: Symbols, Formulas**

**Direct Current – Series and Parallel**

**Alternating Current**

Wiring Diagram

**One-Line Diagrams**

**Transformers**

**Troubleshooting**

**Metering: Formulas, Electrical Concepts**

**NOTE: Calculators will be permitted  
Test will be timed (1 hour, 45 minutes)**

## ELECTRICAL SAMPLE QUESTIONS

Listed below are sample questions that reflect the type of questions that you may see on the SKAT Electrical test. These questions consist of electrical knowledge including basic electricity (symbols and formulas), direct current, alternating current, wiring diagrams, symbols, and transformers.

### Sample 1

A charged atom is known as a (n)

- a. ion
- b. proton
- c. neutron
- d. quark

The correct answer for Sample 1 is “a”. Therefore alternative “a” has been circled.

### Sample 2

An atom having fewer electrons than protons will carry a **positive** charge.

The correct answer for Sample 2 is “positive” so this answer has been written in the blank.

### Sample 3

Materials which permit the flow of electrons are referred to as

- a. resistors
- b. conductors
- c. transmitters
- d. switches

### Sample 4

The speed of electron movement is considered to be the same as the speed of **light**.

For Sample 3, the correct answer is “b”. Therefore, alternative “b” has been circled. The correct answer for Sample 4 is “light” so this answer has been written in the blank.