

## GRID Safety Norms:

What are grid safety norms, and why are they important in the power sector?

Discuss the key safety standards and regulations governing grid operations.

Explain the roles and responsibilities of different stakeholders in ensuring compliance with grid safety norms.

What are the measures taken to prevent electrical accidents and ensure the safety of personnel working on the grid?

Discuss the challenges and considerations in implementing and maintaining grid safety norms.

## Safety and First Aid Requirements:

Explain the importance of safety requirements in electrical installations and operations.

Discuss the necessary safety precautions and personal protective equipment (PPE) for working in electrical environments.

What are the requirements for conducting safety training programs for personnel working on the grid?

Explain the role of safety audits and inspections in ensuring compliance with safety requirements.

Discuss the importance of maintaining first aid facilities and providing first aid training to personnel.

## Hazards and Electrical Accidents:

Identify and discuss the common electrical hazards in the power sector.

Explain the potential consequences of electrical accidents and their impact on personnel and equipment.

Discuss the measures taken to prevent electrical hazards, such as proper grounding, insulation, and equipment maintenance.

What are the key safety protocols and procedures to be followed in the event of an electrical accident?

Describe the role of risk assessment and hazard identification in mitigating electrical accidents.

Prevention of Electrical Accidents:

Explain the concept of a safety culture and its significance in preventing electrical accidents.

Discuss the importance of proper equipment maintenance and regular inspections in preventing electrical failures.

What are the measures to be taken to ensure electrical safety during maintenance and repair activities?

Discuss the role of safety signage, labeling, and clearances in preventing electrical accidents.

Explain the significance of job planning and hazard analysis in preventing electrical accidents.

Electricity Costing & Audit:

Explain the concept of electricity costing and its importance in managing energy consumption.

Discuss the factors considered in calculating the cost of electricity, such as generation, transmission, and distribution expenses.

Explain the role of energy audits in identifying energy-saving opportunities and optimizing electricity consumption.

Discuss the key parameters and performance indicators used in electricity auditing.

What are the measures and strategies to reduce electricity costs and improve energy efficiency in the power sector?

Feel free to use these questions for assessments, quizzes, or discussions related to grid safety norms, safety requirements, hazards, electrical accidents and prevention, and electricity costing & audit.