State Qualifying Exam Preparation Guide

Firefighting (FF)

Exams developed in partnership with Cengage Learning.

Book Information

Essentials of Fire Fighting

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Exam Topics

I. Orientation and Fire Service History

II. Firefighter Safety and Health

III. Fire Department Communications

IV. Building Construction

V. Fire Behavior

VI. Firefighter Personal Protective Equipment

VII. Portable Fire Extinguishers

VIII. Ropes, Webbing, and Knots

IX. Structural Search, Victim Removal, and Firefighter Survival

X. Scene Lighting, Rescue Tools, Vehicle Extrication and Technical Rescue
XI. Forcible Entry
XII. Ground Ladders
XIII. Tactical Ventilation
XIV. Water Supply
XV. Fire Hose
XVI. Fire Stream
XVII. Fire Control
XVIII. Loss Control
XIX. Fire Origin and Cause Determination
XX. Fire Protection Systems
XXI. Fire and Life Safety Initiatives

Sample Questions
1. Which of the following BEST describes the result of starting a generator while under load?
   a. May contaminate fuel
   b. Can damage electrical system
   c. Will overheat and damage generator
   d. Allows equipment to warm up before use

2. Which of the following BEST describes how to prevent overloading when testing lighting equipment?
   a. Document maintenance correctly
   b. Discard faulty bulbs in approved manner
   c. Shut off the power and allow bulbs to cool
   d. Connect each light to the generator one light at a time

3. Which of the following uses of rescue tools includes tools that ensure vehicle and structural members will not move during rescue?
   a. Lifting
   b. Pulling
   c. Cutting
   d. Stabilizing
4. Which rescue tool power source may be less powerful than the others?
   a. Electric   c. Hydraulic
   b. Manual     d. Pneumatic

5. Which rescue tool source is powered by compressed air cylinders?
   a. Electric   c. Hydraulic
   b. Manual     d. Pneumatic