Firefighter I Module 2 Exam 2023

Study Guide

1. Explain the terms combustion, oxidation, chain reaction, and pyrolysis.
2. Explain the different states of matter.
3. Explain the proper care of ropes
4. Explain the different classes of fires and how to extinguish each.
5. What are the three basic elements needed for combustion? Why is oxygen important for fire to burn?
6. Explain the parts of an SCBA, duration ratings, and the use of a purge valve on an SCBA.
7. Explain the donning of an SCBA by different methods and the precheck before donning the SCBA. Explain SCBA emergency procedures.
8. What are the critical aspects that influence a wildfire?
9. Explain ladder types.
10. Explain the parts and functions of a ladder.
11. Explain how to raise a ladder.
12. Explain how to apply large volumes of water at a safe distance.
13. What are the different types of ropes used in the fire service?
14. Explain rope care and maintenance.
15. Explain the following as it relates to ropes:
    1. Tag line
    2. Running end
    3. Working end
    4. Standing end
16. Explain where a ladder is placed for window ventilation operations.
17. Explain how to approach a vehicle fire and the biggest hazard faced by fire fighters at a vehicle fire scene.
18. Explain the different types of fire extinguishers and their use.
19. Explain how heat is transferred.
20. What makes up smoke?