

Southeast Regional Mine Rescue Contest

Coal Day 2 Written Test

1. _____ are used underground to properly distribute air to all sections of the mine.
A. Mine Controls B. Ventilation Controls C. Brattice Curtains
2. If there is a _____ amount of hydrocarbons in smoke, the smoke may be explosive.
A. Sufficient B. Specific C. Large
3. _____ and hydrogen sulfide are water soluble gases.
A. Carbon Dioxide B. Sulfur Monoxide C. Sulfur Dioxide
4. _____ air has a specific gravity of one.
A. Mine B. Normal C. Typical
5. The time spent under _____ by a rescue team is usually limited to two hours or less.
A. Underground B. Air C. Oxygen
6. When _____, a fire area is not un-sealed until the oxygen content is low enough to make explosions impossible and the carbon monoxide has disappeared.
A. Appropriate B. Possible C. Sealing
7. After a fire has been sealed, it is recommended to wait _____ hours before making the initial visit to the seal.
A. 92 B. 82 C. 72

8. A _____ breathing apparatus is a completely portable unit that supplies oxygen or air independently of the surrounding atmosphere.

A. Oxygen-Generating B. Close-Circuit C. self -Contained.

9. High volatile coal burns much _____ than low or medium volatile coal.

A. Faster B. Slower C. Easier

10. Clean dry air at sea level is made up of _____ percent nitrogen and 21 percent oxygen.

A. 79 B. 72 C. 78