**SECOND DAY**

**ALABAMA MINE RESCUE CONTEST**

1. The purpose of an airlock is to separate two different atmospheres while still \_\_\_\_\_\_\_\_\_\_miners to enter and exit without mixing the atmospheres.

A. allowing B. permitting C. letting B

2. Temporary seals should include \_\_\_\_\_\_\_\_\_\_\_ for collecting air samples from within the sealed area.

A. ways B. means C. provisions C

3. Color, odor, and taste are physical properties that can help you \_\_\_\_\_\_\_\_\_ a gas, especially during barefaced exploration

A. analyze B. capture C. identify C

4. Hydrogen sulfide has an odor \_\_\_\_\_\_\_\_\_\_ to rotten eggs

A. likened B. similar C. resembling B

5. The IDLH of Nitrogen Dioxide is \_\_\_\_\_ppm

A. 20 B. 30 C. 50 A

6. \_\_\_\_\_\_\_\_is usually found after a mine fire or explosion

A. firedamp B. afterdamp C. whitedamp B

7. To \_\_\_\_\_\_\_ for methane, use a methane detector or chemical analysis.

A. test B. analyze C. detect A

8. When a body is \_\_\_\_\_\_\_\_\_ located, every effort should be made not to disturb any possible evidence in the area.

A. initially B. first C. eventually B

9. Blood that is bright red and spurting may be coming from an \_\_\_\_\_\_\_\_\_

A. artery B. vein C. capillary A

10.\_\_\_\_\_\_\_\_\_\_\_pressures and gases helps determine what is the danger of explosion, how soon firefighters have to move to safety, how effective are the techniques being used and is the fire under control.

A. Checking B. Testing C. Monitoring C