

Written Examination Day 2 Cove Lake

Team Name \_\_\_\_\_ Contestant Name \_\_\_\_\_  
Team number \_\_\_\_\_

1. When appropriate, a \_\_\_\_\_ area is not un-sealed until the oxygen content is low enough to make explosions impossible and the carbon monoxide has disappeared.
  - A. \_\_\_ sealed
  - B. \_\_\_ fire
  - C. \_\_\_ dangerous
  
2. Firefighters force \_\_\_\_\_ into areas where they are trying to remove the oxygen leg of the fire triangle.
  - A. \_\_\_ inert gases
  - B. \_\_\_ Carbon Dioxide
  - C. \_\_\_ Nitrogen gas
  
3. A team is a unit made up of \_\_\_\_\_ working toward a common goal.
  - A. \_\_\_ miners
  - B. \_\_\_ rescuers
  - C. \_\_\_ individuals
  
4. \_\_\_\_\_, dry air at sea level is made up of 78 percent nitrogen and 21 percent oxygen.
  - A. \_\_\_ Clean
  - B. \_\_\_ Clear
  - C. \_\_\_ Common
  
5. Thermal imaging cameras \_\_\_\_\_ only be used in less than 1 percent of Methane.
  - A. \_\_\_ shall
  - B. \_\_\_ should
  - C. \_\_\_ can
  
6. A smoke tube is used to show the direction and velocity of slow moving \_\_\_\_\_.
  - A. \_\_\_ current
  - B. \_\_\_ gases
  - C. \_\_\_ air

7. \_\_\_ should be tested before use following a disaster.
- A. \_\_\_ Elevators
  - B. \_\_\_ Hoist
  - C. \_\_\_ Equipment
8. The fresh air base should be \_\_\_\_\_ where it's assured positive ventilation and fresh air.
- A. \_\_\_ situated
  - B. \_\_\_ located
  - C. \_\_\_ established
9. In order to \_\_\_\_\_ an airlock, one door of the airlock must be kept closed while the other is opened.
- A. \_\_\_ keep
  - B. \_\_\_ maintain
  - C. \_\_\_ establish
10. Ventilation controls are used underground to \_\_\_\_\_ distribute air to all sections of the mine.
- A. \_\_\_ effectively
  - B. \_\_\_ properly
  - C. \_\_\_ evenly

## Written Examination Day 1 & Day 2 Cove Lake Answer Key

1. B fire
2. A inert gases
3. C individuals
4. A Clean
5. B should
6. C air
7. A Elevators
8. B located
9. B maintain
10. B properly