

Written Examination Day 2 KMI

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

1. If smoke is so dense as to make visibility poor, you may need to keep in constant physical contact with a rail, a compressed air or water line, or the rib in order to \_\_\_\_\_ your way along.
  - A. \_\_\_ feel
  - B. \_\_\_ assist
  - C. \_\_\_ help
  
2. If there is a sufficient amount of hydrocarbons in smoke, the smoke may be \_\_\_\_\_.
  - A. \_\_\_ flammable
  - B. \_\_\_ explosive
  - C. \_\_\_ combustible
  
3. In order to \_\_\_\_\_ an airlock, one door of the airlock must be kept closed while the other is opened.
  - A. \_\_\_ establish
  - B. \_\_\_ maintain
  - C. \_\_\_ keep
  
4. When appropriate, a fire area is not un-sealed until the oxygen content is low enough to make explosions impossible and the carbon monoxide has \_\_\_\_\_.
  - A. \_\_\_ reduced
  - B. \_\_\_ dissipated
  - C. \_\_\_ disappeared
  
5. It may be necessary to double or triple the thickness of the material in order to improve the \_\_\_\_\_ of a temporary seal.
  - A. \_\_\_ effectiveness
  - B. \_\_\_ strength
  - C. \_\_\_ stability
  
6. Urethane foam is an effective sealant when \_\_\_\_\_ around the perimeter of a seal.
  - A. \_\_\_ applied
  - B. \_\_\_ used
  - C. \_\_\_ coated

7. The main \_\_\_\_\_ of recovery work is to put the affected area of the mine back in operation as soon as possible.
- A. \_\_\_ goal
  - B. \_\_\_ accomplishment
  - C. \_\_\_ objective
8. When survivors are located, the location, time, and date should be marked on the team's map and on the rib where \_\_\_\_\_ are found.
- A. \_\_\_ they
  - B. \_\_\_ survivors
  - C. \_\_\_ training
9. High volatile coal burns much \_\_\_\_\_ than low or medium volatile coal.
- A. \_\_\_ faster
  - B. \_\_\_ hotter
  - C. \_\_\_ quicker
10. Sufficient time should be allowed for a fire area to cool before it is \_\_\_\_\_.
- A. \_\_\_ entered
  - B. \_\_\_ explored
  - C. \_\_\_ unsealed

## Written Examination Day 2 KMI Answer Key

1. A     feel
2. B     explosive
3. B     maintain
4. C     disappeared
5. A     effectiveness
6. B     used
7. C     objective
8. A     they
9. A     faster
10. C    unsealed