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.
2. \_\_\_ feel
3. \_\_\_ assist
4. \_\_\_ help
5. If there is a sufficient amount of hydrocarbons in smoke, the smoke may be \_\_\_\_\_\_\_\_\_\_\_.
6. \_\_\_ flammable
7. \_\_\_ explosive
8. \_\_\_ combustible
9. In order to \_\_\_\_\_\_\_\_\_\_\_\_an airlock, one door of the airlock must be kept closed while the other is opened.
10. \_\_\_ establish
11. \_\_\_ maintain
12. \_\_\_ keep
13. 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 \_\_\_\_\_\_\_\_\_\_.
14. \_\_\_ reduced
15. \_\_\_ dissipated
16. \_\_\_ disappeared
17. It may be necessary to double or triple the thickness of the material in order to improve the \_\_\_\_\_\_\_\_\_\_\_\_\_of a temporary seal.
18. \_\_\_ effectiveness
19. \_\_\_ strength
20. \_\_\_ stability
21. Urethane foam is an effective sealant when \_\_\_\_\_\_around the perimeter of a seal.
22. \_\_\_ applied
23. \_\_\_ used
24. \_\_\_ coated
25. The main \_\_\_\_\_\_\_\_\_of recovery work is to put the affected area of the mine back in operation as soon as possible.
26. \_\_\_ goal
27. \_\_\_ accomplishment
28. \_\_\_ objective
29. When survivors are located, the location, time, and date should be marked on the team’s map and on the rib where \_\_\_\_\_\_\_\_\_are found.
30. \_\_\_ they
31. \_\_\_ survivors
32. \_\_\_ training
33. High volatile coal burns much \_\_\_\_\_\_\_\_\_than low or medium volatile coal.
34. \_\_\_ faster
35. \_\_\_ hotter
36. \_\_\_ quicker
37. Sufficient time should be allowed for a fire area to cool before it is \_\_\_\_\_\_\_\_\_\_.
38. \_\_\_ entered
39. \_\_\_ explored
40. \_\_\_ 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