Written Examination Day 2 Harlan Safety Days

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

1. High volatile coal burns much \_\_\_\_\_\_\_than low or medium volatile coal.
2. \_\_\_ easier
3. \_\_\_ hotter
4. \_\_\_ faster
5. Urethane foam is an effective sealant when used around the \_\_\_\_\_\_\_\_of a seal.
6. \_\_\_ edges
7. \_\_\_ perimeter
8. \_\_\_ outside
9. Seals should be built at locations with good roof and \_\_\_\_\_\_\_roof and ribs.
10. \_\_\_ even
11. \_\_\_ sound
12. \_\_\_ firm
13. All temporary seals should be well hitched in the floor roof, and ribs to improve their \_\_\_\_\_\_\_\_\_.
14. \_\_\_ stability
15. \_\_\_ strength
16. \_\_\_ effectiveness
17. A self-contained breathing apparatus is a \_\_\_\_\_\_ \_\_\_\_\_\_\_ unit that supplies oxygen or air independently of the surrounding atmosphere.
18. \_\_\_ self-contained
19. \_\_\_ stand alone
20. \_\_\_ completely portable
21. The IDLH of \_\_\_\_\_\_\_\_\_\_Dioxide is 20 ppm.
22. \_\_\_ Carbon
23. \_\_\_ Nitrogen
24. \_\_\_ Sulfur
25. Once \_\_\_\_\_\_\_\_\_, survivors should never be left alone.
26. \_\_\_ located
27. \_\_\_ rescued
28. \_\_\_ found
29. The lower explosive \_\_\_\_\_\_\_\_\_\_of hydrogen is 4.0 percent.
30. \_\_\_ limit
31. \_\_\_ range
32. \_\_\_ amount
33. The main objectives of exploration work during a mine \_\_\_\_\_\_are locating the fire and assessing conditions in the fire area.
34. \_\_\_ emergency
35. \_\_\_ fire
36. \_\_\_ disaster
37. The main objective of recovery work is to \_\_\_\_\_\_\_\_\_\_the affected area of the mine back in operation as soon as possible.
38. \_\_\_ get
39. \_\_\_ ventilation
40. \_\_\_ put

Written Examination Day 1 & Day 2 Harlan Safety Days Answer Key

1. C faster
2. B perimeter
3. A even
4. B strength
5. C completely portable
6. B Nitrogen
7. B rescued
8. A limit
9. B fire
10. A air