Written Examination Pre-shift Harlan

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

1. Circuit breakers shall be \_\_\_\_\_\_\_\_for identification. (30 CFR 75.904).
2. \_\_\_ labeled
3. \_\_\_ marked
4. \_\_\_ checked
5. All underground high-voltage transmission cables shall be guarded where men regularly work or \_\_\_\_\_\_\_\_\_under them unless they are 6 ½ feet or more above the floor or rail. ( 30 CFR 75.807)
6. \_\_\_ travel
7. \_\_\_ walk
8. \_\_\_ pass
9. Power wires and cables, except trolley wires and trolley feeder wires, and bare signal wires shall be insulated adequately and fully\_\_\_\_\_\_\_\_\_\_\_. (30 CFR 75.517).
10. \_\_\_ guarded
11. \_\_\_ insulated
12. \_\_\_ protected
13. All electrical connections or splices shall be mechanically and electrically \_\_\_\_\_\_\_\_\_\_\_\_and suitable connectors shall be used. (30 CFR 75.514).
14. \_\_\_ made
15. \_\_\_ efficient
16. \_\_\_ strong
17. Boreholes shall be drilled in each working place when the working \_\_\_\_\_\_\_\_\_\_\_ approaches to within 200 feet of any mine workings of an adjacent mine located in the same coal bed unless the mine working have been preshifted. (30 CFR 75. 388(a) (3).
18. \_\_\_ face
19. \_\_\_ place
20. \_\_\_ entry
21. The directional lifeline shall be equipped with two securely attached cones, installed \_\_\_\_\_\_\_\_\_\_\_\_\_ with the tapered section pointing inby, to signify an attached branch line. ( 30 CFR 75.380(d)(7)(vii)
22. \_\_\_ consecutively
23. \_\_\_ together
24. \_\_\_ pair
25. The directional lifeline shall be equipped with one directional indicator cone securely attached to the lifeline, \_\_\_\_\_\_\_\_\_\_\_\_ the route of escape, placed at intervals not exceeding 100 feet. (30 CFR 75.380(d)(7)(v.
26. \_\_\_ signifying
27. \_\_\_ showing
28. \_\_\_ designating
29. The mine ventilation plan shall show the location where the air quantity ventilating the working \_\_\_\_\_\_\_\_\_\_must be greater than 3,000 cubic feet per minute when coal is being cut, mined, drilled for blasting or loaded. (30 CFR 75. 371(g)
30. \_\_\_ face
31. \_\_\_ place
32. \_\_\_ entry
33. The approved \_\_\_\_\_\_\_\_\_\_\_\_ plan and any revisions shall be posted on the mine bulletin board within 1 working day following notification of approval. (30 CFR 75.370(f)(3
34. \_\_\_ training
35. \_\_\_ roof
36. \_\_\_ ventilation
37. When two or more sets of mining equipment are simultaneously engaged in cutting, mining, or loading coal or rock from working \_\_\_\_\_\_\_\_\_ within the same working section, each set of mining equipment shall be on a separate split of intake air. (30 CFR 75.332(a)(2).
38. \_\_\_ faces
39. \_\_\_ places
40. \_\_\_ entries

Written Examination Pre-shift Harlan Answer Key

1. B marked
2. C pass
3. C protected
4. B efficient
5. B place
6. A consecutively
7. A signifying
8. B place
9. C ventilation
10. B places