2022 Southeast Regional Mine Rescue Contest

Written Exam – Coal

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Team:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The range of \_\_\_\_\_\_\_\_\_\_\_\_ within which a gas will explode are known as its “explosive range”.
   1. Mixtures
   2. Measurements
   3. Concentrations
2. In situations too hazardous for teams to explore and reventilate safely, teams may be \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to seal the area.
   1. Directed
   2. Instructed
   3. Informed
3. \_\_\_\_\_\_\_\_\_\_ types of fire cannot be fought directly, fuel rich and spon com (spontaneous combustion).
   1. Two
   2. Three
   3. Four
4. Rescue teams should build an airlock so that the two stoppings are erected as close together as possible \_\_\_\_\_ with enough space to allow room for the team and their equipment to fit in between.
   1. But
   2. Yet
   3. Even
5. The main \_\_\_\_\_\_\_\_\_\_\_ of recovery work is to put the affected area of the mine back in operation as soon as possible.
   1. Goal
   2. Reason
   3. Objective
6. Once rescued, survivors \_\_\_\_\_\_\_ never be left alone.
   1. Shall
   2. Should
   3. Can
7. Firefighters \_\_\_\_\_\_\_ inert gases into areas where they are trying to remove the oxygen leg of the fire triangle.
   1. Move
   2. Direct
   3. Force
8. \_\_\_\_\_\_\_ expansion foam is light and resilient and can travel long distances to a fire without breaking down.
   1. High
   2. Low
   3. Medium
9. \_\_\_\_\_\_ detectors and chemical analysis can positively identify a gas.
   1. Gas
   2. Only
   3. Approved
10. In situations too hazardous for teams to explore and reventilate safely, teams \_\_\_\_\_\_ be instructed to seal the area.
    1. Could
    2. Should
    3. May