

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”.
 - a. Mixtures
 - b. Measurements
 - c. Concentrations

2. In situations too hazardous for teams to explore and reventilate safely, teams may be _____ to seal the area.
 - a. Directed
 - b. Instructed
 - c. Informed

3. _____ types of fire cannot be fought directly, fuel rich and spon com (spontaneous combustion).
 - a. Two
 - b. Three
 - c. 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.
 - a. But
 - b. Yet
 - c. Even

5. The main _____ of recovery work is to put the affected area of the mine back in operation as soon as possible.
 - a. Goal
 - b. Reason
 - c. Objective

6. Once rescued, survivors _____ never be left alone.
 - a. Shall
 - b. Should
 - c. Can

7. Firefighters _____ inert gases into areas where they are trying to remove the oxygen leg of the fire triangle.
 - a. Move
 - b. Direct
 - c. Force

8. _____ expansion foam is light and resilient and can travel long distances to a fire without breaking down.
 - a. High
 - b. Low
 - c. Medium

9. _____ detectors and chemical analysis can positively identify a gas.
 - a. Gas
 - b. Only
 - c. Approved

10. In situations too hazardous for teams to explore and reventilate safely, teams _____ be instructed to seal the area.
 - a. Could
 - b. Should
 - c. May