

2023
INTERAGENCY
MINE RESCUE CONTEST
DAY1

1. When ____ a mine fire, you should be careful to ensure that there are no abrupt changes in the ventilation over the fire area.
 - a. Extinguishing
 - b. Sealing**
 - c. Fighting

2. ____ - ____ sampling-pipes are inserted in temporary and permanent seals for the purpose of collecting air samples from the sealed area.
 - a. Non-Metallic**
 - b. Non-sparking
 - c. Non-Explosive

3. Before going underground to ____ for a fire or to fight a fire, the team should know about any possible ignition sources that may exist in the affected area.
 - a. Explore**
 - b. Look
 - c. Prepare

4. The specific gravity of ____ is 1.5291.
 - a. Carbon Monoxide
 - b. Sulfur Dioxide
 - c. Carbon Dioxide**

5. _____ is a mixture of carbon dioxide, nitrogen and air which is oxygen deficient.

- a. White damp
- b. After damp
- c. Black damp

6. Breathing air containing 10 percent _____ causes violent panting and can lead to death.

- a. Nitrogen dioxide
- b. Carbon dioxide
- c. Hydrogen sulfide

7. _____ should be allowed for a fire area to cool before it is unsealed.

- a. Amble time
- b. Sufficient time
- c. Recommended time

8. _____ should be marked to warn other teams that may enter the area after yours.

- a. Dangerous areas
- b. Unsafe areas
- c. Hazardous areas

9. All _____ should be well hitched in the floor roof, and ribs to improve their strength.

- a. Permanent seals
- b. Block seals
- c. Temporary seals

10. The main objectives of exploration work during a mine fire are locating the fire and _____ conditions in the fire area.

- a. Evaluating
- b. Observation
- c. Assessing