

2023
INTERAGENCY
MINE RESCUE CONTEST
DAY 2

1. To test for methane, use a methane detector or _____
Analysis.
 - a. Physical
 - b. Chemical
 - c. Sample
2. Carbon monoxide can be detected by means of carbon monoxide detectors, multi-gas detectors, or by _____ analysis.
 - a. Physical
 - b. Chemical
 - c. Sample
3. Nitrogen dioxide is produced by burning and by the _____
of explosives.
 - a. Exposure
 - b. Detonation
 - c. Rotting
4. A mixture of coal dust in air _____ the explosive limit of methane.
 - a. Increases
 - b. Reduces
 - c. Effects
5. One and one-half to two percent methane together with _____
in air may be explosive.
 - a. Rock dust
 - b. Coal dust
 - c. Saw dust

6. _____ below the water table tend to have more methane than those above the water table.
 - a. Rock strata
 - b. Mines
 - c. Seams
7. After a fire or explosion in a mine, _____ are usually needed to go into the mine to assess and re-establish ventilation.
 - a. Teams
 - b. Rescue teams
 - c. Experience teams
8. The range of concentration within which a _____ will explode are known as it's explosive range.
 - a. Known mixture
 - b. Gas
 - c. Float dust
9. Any flammable gas can explode under _____ conditions
 - a. Pressurized
 - b. Certain
 - c. Extreme
10. _____ firefighting methods allow firefighters to remain a safe distance from the fire.
 - a. Indirect
 - b. Direct
 - c. Progressive