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