

Attachment C10 - Mine Rescue/Continuous Mining participants: Pre/Post-Training Knowledge Test

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Circle all of the correct letters.

1. A continuous miner section has five entries – two return entries, both on the left side of the section looking inby; a belt entry; a haulage entry; and an intake entry. When you begin your exploration inby the fresh air base (FAB), in which entry would you start?
 - a) Intake entry
 - b) Belt entry
 - c) Haulage entry
 - d) Left most return entry
 - e) Second return entry

2. After going inby the fresh air base (FAB), when would you do a team check?
 - a) Immediately after going through the airlock.
 - b) Within 50 feet of going through the airlock.
 - c) When the first team member's air reading reaches 2,000 psi.
 - d) After being inby 20 minutes.

3. While exploring into the section, you note gas readings elevate rapidly. You obtain the following readings: CH₄ – 0.3%; O₂ – 17.7%; and CO – 700 ppm. What does this suggest?
 - a) There may be a fire outby your location.
 - b) There may have been an explosion somewhere inby your location.
 - c) There is a fire inby, in close proximity to where you are located.
 - d) There are no survivors since the atmosphere you're in cannot support life.

4. As you explore inby the FAB, you locate a refuge chamber in the primary escapeway. What should you do?
 - a) Immediately open the chamber to see if anyone is inside.
 - b) Notify the FAB of the location, if anyone is inside, and their condition.
 - c) Bring fresh air to the area of the refuge chamber, and then build an airlock so you can enter the chamber and bring out anyone inside.
 - d) Tell anyone inside to stay put while you continue to explore the area and bring up fresh air.

5. You come across an SCSR cache. When you check it, you find several SCSRs have been removed. You should
 - a) Assume they were taken by escaping miners.
 - b) Look for foot prints left by miners and follow them while attempting to locate them.
 - c) Note the location of the SCSR cache on the map.
 - d) Report your finding to the FAB.

6. You find miners alive in a refuge chamber. You learn they are okay and that they have SCSRs with them. What should you do?
 - a) Tell miners to don their SCSRs and exit the refuge chamber.
 - b) Tell the miners to remain in the chamber until you explore the area and bring fresh air up to the chamber.
 - c) Have the miners exit the chamber and follow you as you continue to explore the section.
 - d) Take the miners back to the FAB.

7. During exploration, you discover a fire. You report the fire to the briefing officer at the FAB and are told another team is coming in behind you and will extinguish the fire. What should you do?
 - a) Continue exploration inby the fire.
 - b) Wait for the second rescue team to come in and extinguish the fire before continuing.
 - c) Attempt to put out the fire.
 - d) Return back to the FAB until the fire is extinguished.

8. During exploration, you locate a missing miner. Your examination reveals he has no pulse and is not breathing. What should you do?
 - a) Date and initial the body.
 - b) Notify the FAB of the location and condition of the body.
 - c) Take the body back to the FAB.
 - d) Date and initial next to the body.

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9. When exploring the area during an emergency situation, would your team

- a) follow prescribed mine rescue contest rules
- b) adjust their response based on the situation encountered?

Why?

10. What are three factors that influence the sequence you would use to explore the entries in an area? (Example: exploring Entry 1, then 2, then 3; or Entry 5, then 4, then 3, etc.)