

General Review Exploration

Choose the correct answer to each of the following questions.

1. Prior to rescue team exploration, the first step to take after a disaster is to:
 - a. Examine all mine openings.
 - b. Establish a Fresh Air Base.
 - c. Proceed as far as possible into the mine without apparatus.
 - d. None of the above.
2. The purpose of rescue team exploration is to:
 - a. Determine conditions underground.
 - b. Locate missing miners.
 - c. Locate clues or indications of missing miners' locations.
 - d. All of the above.
3. If at all possible, entry into the mine should be made on:
 - a. A return airway.
 - b. An intake airway.
 - c. The main haulageway.
 - d. The belt entry.
4. Barefaced exploration should be attempted only when:
 - a. No breathing apparatus is available.
 - b. Miners are trapped in the mine.
 - c. A backup mine rescue team with apparatus is immediately available.
 - d. A Fresh Air Base is established.
5. In advancing a Fresh Air Base, after you put up the new air lock, the team should:
 - a. Come out of the mine.
 - b. Perform gas tests in all dead ends and high places between the old and new Fresh Air Base to ensure that all gases have been flushed from the area.
 - c. Proceed inby the new Fresh Air Base to explore and let other workers check for any gases outby the new Fresh Air Base.
 - d. Shut off and remove your apparatus since you are in fresh air and will no longer need it.

6. When exploring in heavy smoke, it is recommended that the team:
 - a. Use a linkline to hook all team members together.
 - b. Follow along the rail to aid their progress.
 - c. Keep in contact with the side to aid their progress.
 - d. All of the above.
7. Prior to a mine rescue team passing through a door or stopping/bulkhead behind which conditions are not definitely known, they should:
 - a. Ask the Fresh Air Base to send in the backup team.
 - b. Erect an air lock to prevent the mixing of atmospheres.
 - c. Open the door or stopping/bulkhead, and wait at least 10 minutes so that any harmful gases are diffused.
 - d. Never enter such areas.
8. Gas readings should be taken:
 - a. At all intersections.
 - b. At any dead end or face area.
 - c. At the furthest point of travel in any entry or heading.
 - d. All of the above.
9. The captain should mark the date and his or her initials:
 - a. Each time the team stops for a rest.
 - b. Every 50 feet.
 - c. Every 200 feet.
 - d. On all explored areas (faces, entries, crosscuts, impassable falls, barricades, stoppings, etc.)
10. Dinner buckets encountered during exploration are important because:
 - a. They can contain food and/or water for the rescue team.
 - b. They may contain notes that would indicate the whereabouts of survivors.
 - c. They indicate where miners ate their dinner.
 - d. None of the above.

11. If a team member experiences problems with his or her apparatus in by the Fresh Air Base, the team member should:
- a. Be immediately sent back to the Fresh Air Base.
 - b. Be sent back to the Fresh Air Base with another team member.
 - c. Switch to the apparatus that was carried on the stretcher or stokes basket.
 - d. With the entire team, return immediately to the Fresh Air Base.
12. Debriefings are held to:
- a. Inform news reporters of developments.
 - b. Inform family members of developments.
 - c. Review the rescue team's findings after they have returned from underground.
 - d. All of the above.

General review answers: (pages4-63)

1. a
2. d
3. b
4. c
5. b
6. d
7. b
8. d
9. d
10. b
11. d
12. c