

Bob's Loader Accident

Problem Booklet

Instructions

Read the problem described on the next page. Then answer the eight questions. Do them one at a time. Don't jump ahead, but you may look back to earlier questions and your answers. Most questions direct you to choose only one answer unless you are told to "Try again!" Question E tells you to select as many answers as you think are correct. Follow the directions for each question.

After you have selected your choice to a question, look up the number for that choice on the answer sheet. Rub the special pen between the brackets for that choice. A hidden message will appear that tells you if the choice is correct and provides you with additional information. When you finish you will learn how to score your performance.

Bob's Loader Accident

Background

You and Bob are in the pit about 1400 feet from the power box.

The other miners are eating lunch at the dinner shack, beyond the power box.

You are alone.

You have been trained in CPR, but have never used it.

Problem

You are working as a truck driver. Your buddy Bob is standing on the fire clay leaning against the crawler track of the electric loading shovel. As you approach you see him begin jerking convulsively and the lights on the shovel go out.

After studying Figure 1 turn the page and answer the first question.

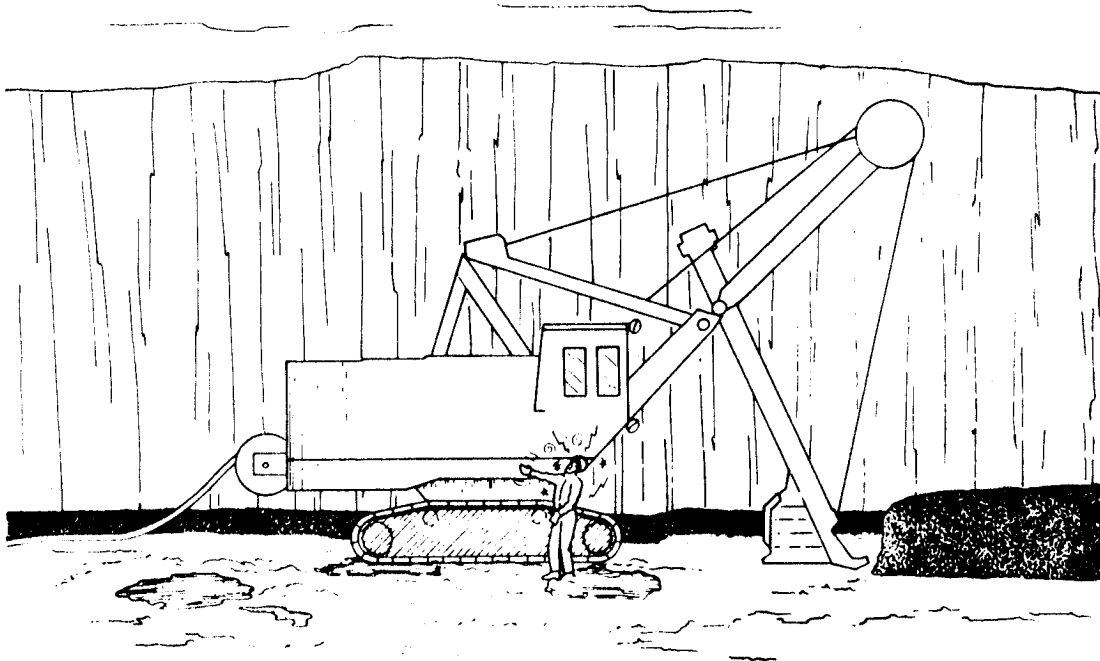


Figure 1: Bob begins jerking convulsively as loader lights go out.

Question A

In this situation the first thing you should do is to: (Choose only ONE unless you are told to "Try again!")

1. Knock the power at the box.
2. Find the nearest EMT.
3. Move Bob away from the crawler track using a nearby piece of nylon rope (or other non-conductor).
4. Put a folded handkerchief between Bob's teeth.
5. Take Bob's pulse at the wrist.

Question B

Bob is now lying on the ground away from the track. He doesn't respond to voice or shaking. You position Bob on his back, shout for help, tilt his head back, and lift his chin. You should now check for the presence of: (Choose only ONE unless you are told to "Try again!")

6. Abnormal skin color.
7. Breathing and pulse.
8. A medical alert bracelet.
9. Pupil dilation.
10. "Swallowed" tongue.

Question C

After checking the victim and finding no breathing, the first thing to do would be:
(Choose only ONE unless you are told to "Try again!")

11. Begin cardiac compressions.
12. Find the nearest EMT.
13. Give two breaths mouth-to-mouth.
14. Slap Bob's face several times.

Question D

You are attempting to give Bob a breath using the mouth-to-mouth method but even though you generate high pressure his chest does not rise. The first thing you should do now is: (Choose only ONE unless you are told to "Try again!")

15. Clear Bob's mouth using a finger sweep maneuver.
16. Reposition Bob's head by lifting his chin and tilting his forehead back.
17. Perform 6 to 10 "abdominal thrusts".
18. Turn Bob on his side and hit him on the back 4 times.
19. Gently compress his upper abdomen.

Question E

After repositioning Bob's head, you are able to give him two deep breaths. You check his pulse and find that it is present. You continue rescue breathing but you notice that his abdomen is becoming distended. What should you do now? (Select as MANY as you think are correct.)

- 20. Apply continuous pressure to his abdomen with one hand while continuing rescue breathing.
- 21. Decrease the force of your breaths slightly.
- 22. Gently compress his upper abdomen, then continue rescue breathing.
- 23. Perform a "tongue-jaw lift" and finger-sweep his mouth.
- 24. Reposition his head and elevate his chin.

When you have made your selection(s) do the next question.

Question F

You and Bob are still alone. After a few minutes of mouth-to-mouth, Bob starts breathing on his own, and he comes to. He says, "What happened to me?" What would you tell him? (Choose only ONE unless you are told to "Try again!")

- 25. Tell him you don't know, so he won't worry.
- 26. Tell him you think he got a shock that stopped his breathing, but that he is OK now.
- 27. Tell him that he passed out but he is OK now.
- 28. Tell him his heart stopped and he is lucky to be alive.

Question G

You and Bob are still alone. No one has responded to your shouts for help. Bob is weak and confused, but talking to you. He says his chest feels funny and he is cold. You take his pulse and find it to be fast, weak, and irregular. You know the other miners, including an EMT, are in the shack about 1500 feet down the pit, out of sight. What would you do now? (Choose only ONE unless you are told to "Try again!")

- 29. Get Bob up and walk him down to the pit shack.
- 30. Stay with him and wait until help comes.
- 31. Help make him comfortable, cover him with your jacket, and tell him to rest while you go for help.
- 32. Ask him to get up slowly. Tell him to take deep breaths, and to take a few steps.

Scoring your performance

- 1. Count the total number of responses you colored in that were marked "correct". Write this number in the first blank on the answer sheet.
- 2. Count the total number of incorrect responses you colored in. Subtract this number from 24. Write the difference in the second blank on the answer sheet.
- 3. Add the numbers on the first and second blanks. This is your score.

The best possible score of 32 results from selecting all the correct answers and no wrong answers. The worst possible score of zero results from selecting all the wrong answers and no correct answers.