

Missouri Mine Rescue Contest
Rolla, MO
October 3 – October 6, 2016
Written Team Trainer Test

1. According to the 2016 M/NM Mine Rescue contest Rules, once a team is registered, no changes will be permitted without the permission of the local association.
 - a. True
 - b. False (Rule Book Pg. 2)
2. Wireless communication or electronic devices will only be permitted in isolation if voted upon.
 - a. True
 - b. False (Rule Book Pg. 4)
3. When a breathing apparatus is required to be used on a patient, the team must demonstrate proper donning procedures and unit activation.
 - a. True (Rule Book Pg. 5)
 - b. False
4. While the team is in the mine, judges must not ask questions, answer questions, or interfere with the team.
 - a. True (Rule Book Pg. 17-18)
 - b. False
5. When judging the field problem, in the event more than one discount applies, the lowest discount will be assessed for a violation.
 - a. True
 - b. False (Rule Book Pg. 18)
6. Ventilation changes will be considered as starting, stopping, altering, or redirecting the air current.
 - a. True (Rule Book Pg. 19)
 - b. False
7. On the mine maps, solid lines will denote actual workings.
 - a. True (Rule Book Pg. 23)
 - b. False
8. If there are no harmful gas concentrations, entrances to all mine openings can be examined barefaced.
 - a. True
 - b. False (Rule Book Pg. 25)
9. The team captain must orally warn the team each time loose ground conditions are encountered.
 - a. True (Rule Book Pg. 26)
 - b. False
10. A team will be considered to have passed an opening or intersection when the number ____ member is passed the opening.
 - a. 3
 - b. 4
 - c. 5 (Rule Book Pg. 27)
 - d. None of the above
11. The pulse is nothing more than a remote heartbeat.
 - a. True (Brady Ninth Edition Ch. 11 Pg. 224)
 - b. False

12. ____ is the measurement of the pressure of blood against the walls of the arteries, both when the heart beats and when it is at rest.
 - a. Capillary Pressure
 - b. Palpation Pressure
 - c. Blood Pressure (Brady Ninth Edition Ch. 11 Pg. 227)
13. Carotid pulse is the pulse felt on the thumb side of the wrist.
 - a. True
 - b. False (Brady Ninth Edition Ch. 12 Pg. 255)
14. In SAMPLE history the S stands for significant and substantial.
 - a. True
 - b. False (Brady Ninth Edition Ch. 12 Pg. 262)
15. Jugular Vein Distention is an indication of possible injury to the head.
 - a. True
 - b. False (Brady Ninth Edition Ch. 12 Pg. 227)
16. The weight of air acts as a reference point from which we measure the relative weight of other gases.
 - a. True (Modules 2-6)
 - b. False
17. Color, odor, and taste are physical properties that can help you identify a gas, especially when exploring under apparatus supplied oxygen.
 - a. True
 - b. False (Modules 2-8)
18. Oxygen is not an explosive gas, but it does support combustion.
 - a. True (Modules 2-13)
 - b. False
19. Oxygen is the largest component of normal air.
 - a. True
 - b. False (Modules 2-14)
20. The specific gravity of Nitrogen is.
 - a. 0.6974
 - b. 0.9764
 - c. 0.9674 (Modules 2-14)
21. Bulkhead and stoppings are not interchangeable terms.
 - a. True
 - b. False (Modules 4-10)
22. Valves on water and compressed air lines (open or closed), is information that a team should mark on the mine map as the team explores.
 - a. True (Modules 4-30)
 - b. False
23. The debriefing session is a very important aspect of your team's exploration.
 - a. True (Modules 4-33)
 - b. False
24. Temporary seals can be built using wood.
 - a. True (Modules 5-19)
 - b. False
25. When building temporary seals, one of the most important things to consider is mine production.
 - a. True
 - b. False (Modules 5-21)

26. Urethane foam is not an effective sealant when used around the perimeter of a seal.
 - a. True
 - b. False (Modules 5-23)
27. Chlorine is a gas that is produced by the burning of Rubber, Neoprene, and PVC.
 - a. True (Modules 5-43)
 - b. False
28. Second degree burns covering more than 30 percent of the body is an example of a first priority condition.
 - a. True (Modules 6-5)
 - b. False
29. You should expect to see some very unpleasant sights when recovering bodies.
 - a. True (Modules 6-9)
 - b. False
30. The body is 50 percent liquid.
 - a. True
 - b. False (Modules 6-9)