

Southern Regional Mine Rescue Contest
New Iberia, LA
May 2016

Team Trainer Test

1. The 2016 Metal and Nonmetal Contest Rules state that gas testing proficiency will be conducted during the working of the field competition and will be located at the Fresh Air Base?
 - a. True (Rule Book Page 39)
 - b. False
2. For purposes of the gas field testing, the #1 judge will provide a calibration cup for the team's multi gas instrument.
 - a. True
 - b. false (Rule Book Page 39)
3. According to the 2016 Metal and Nonmetal Mine Rescue Contest Rule Book, a minimum of 3 judges will judge the team during the entire working of the field problem.
 - a. True
 - b. False (Rule Book Page 18)
4. According to the 2016 Metal and Nonmetal Mine Rescue Contest Rule Book, if a team encounters smoke, an apparatus check or personnel check is required after entering smoke.
 - a. True
 - b. False (Rule Book Page 25)
5. Regulators shall not be opened without prior knowledge of the effects of the mine ventilation system unless a temporary stopping has been erected.
 - a. True
 - b. False (Rule Book Page 28)
6. For the purposes of contest work, no barricade will be breached without ventilating in front of the barricade if nitrogen dioxide exceeds 15 ppm.
 - a. True
 - b. False (Rule Book Page 28)
7. In roof or ground control, once a post has been set to correct and support an unsafe roof condition, it cannot be removed.
 - a. True (Rule Book Page 34)
 - b. False
8. Breathing apparatus approved for at least ____ hours shall be used in the mine rescue contest problem.
 - a. Three
 - b. Two
 - c. Four (Rule Book Page 34)
 - d. Any
9. Teams are not permitted to use a wireless communication system.
 - a. True
 - b. False (Rule Book Page 13)

10. During a mine rescue contest, while the team is in the mine, judges must not ask questions, answer questions, or interfere with the team.
 - a. True (Rule Book Page 17/18)
 - b. False
11. An infection of the appendix would most likely cause pain in the _____ quadrant.
 - a. Right Upper
 - b. Right Lower (Brady 9th Edition Chapter 4 pg. 66)
 - c. Left Lower
 - d. Left Upper
12. A firefighter's drag is a method to walk to safety with a patient securely placed over one shoulder.
 - a. True
 - b. False (Brady 9th Edition Chapter 5 pg. 98)
13. Agonal respirations are characterized by slow, sporadic gasps of air from an unresponsive patient.
 - a. True (Brady 9th Edition Chapter 8 pg. 140)
 - b. False
14. Jaw-thrust maneuver is one method recommended to use when opening up the air way on an unresponsive patient with a suspected neck or spine injury.
 - a. True (Brady 9th Edition Chapter 8 pg. 142)
 - b. False
15. A patient patting themselves in the back is also known as the universal sign of choking.
 - a. True
 - b. False (Brady 9th Edition Chapter 8 pg. 150)
16. Supplemental oxygen is a supply of ____% oxygen for use with ill or injured patients.
 - a. 21%
 - b. 75%
 - c. 100% (Brady 9th Edition Chapter 9 pg. 170)
 - d. None of the above
17. Jumbo D portable oxygen cylinder contains about _____ liters of oxygen.
 - a. 600
 - b. 640 (Brady 9th Edition Chapter 9 pg. 172)
 - c. 700
 - d. 740
18. The term fibrillation refers to a disorganized electrical activity within the heart that renders the heart incapable of pumping blood.
 - a. True (Brady 9th Edition Chapter 10 pg. 205)
 - b. False
19. In the mnemonic OPQRST, the P stands for.
 - a. Proactive
 - b. Pain
 - c. Provocation (Brady 9th Edition Chapter 11 pg. 219)
 - d. None of the above

20. Normal pulse rate for an infant 0 – 5 months is.
- 80 – 130
 - 80 – 140
 - 90 – 140 (Brady 9th Edition Chapter 11 pg. 226)
 - 120 - 160
21. Air containing 4 to 74.2 percent hydrogen will explode even when there is as little as 5 percent oxygen present.
- True (Modules pg. 2-18)
 - False
22. Hydrogen is colorless and tasteless but has a popcorn odor.
- True
 - False (Modules pg. 2-19)
23. The specific gravity for Hydrogen Sulfide is 1.1806.
- True
 - False (Modules pg. 2-19)
24. Hydrogen Sulfide is colorless, tasteless, and odorless.
- True
 - False (Modules pg. 2-20)
25. Sulfur Dioxide will not burn or explode.
- True (Modules pg. 2-21)
 - False
26. Acetylene is formed when methane is burned or heated in air having high oxygen content.
- True
 - False (Modules pg. 2-24)
27. Radon is mostly found in _____ mines.
- Potash
 - Salt
 - Molybdenum
 - Uranium (Modules pg. 2-25)
28. Smoke is a result of incomplete combustion.
- True
 - False (Modules pg. 2-26)
29. “Damps” are the names early mine rescue members gave to mixtures of gases.
- True
 - False (Modules pg. 2-26)
30. Stinkdamp is a mixture of _____ and air.
- Carbon Monoxide
 - Methane
 - Hydrogen Sulfide (Modules pg. 2-27)
 - All of the above