

Tennessee Region Mine Rescue Contest
First Aid Test – May 5, 2016

1. The incident commander is the person responsible for all aspects of the emergency response and establishes the structure and requests resources for the event.
 - a. True
 - b. False

2. The term “standard precautions” refers to the guidelines recommended by _____.
 - a. MSHA
 - b. OSHA
 - c. The Centers for Disease Control and Prevention
 - d. All of the above.

3. The mediastinum houses the trachea, esophagus, heart, vena cava, and aorta.
 - a. True
 - b. False

4. Which of the following are hollow organs?
 - a. Stomach, gallbladder, bladder, kidneys
 - b. Stomach, gallbladder, bladder, large intestine
 - c. Stomach, gallbladder, bladder, spleen
 - d. Stomach, gallbladder, bladder, pancreas

5. Which of the following are mechanisms of spinal injuries?
 - a. Compression injury, distraction injury, penetration injury
 - b. Compression injury, attraction injury, penetration injury
 - c. Hyperextension injury, distraction injury, depression injury
 - d. Compression injury, distraction injury, action injury

6. Body mechanics is the use of the body to facilitate lifting and moving to minimize injury.
 - a. True
 - b. False

7. Which of the following are all medical names of the bones of the lower extremities?
 - a. Femur, tarsals, toe bones, pelvic girdle
 - b. Innominate, femur, patella, tarsals
 - c. Kneecap, femur, toe bones, tarsals
 - d. Ankle bones, foot bones, toe bones, thigh bones

8. A stoma is any permanent opening that has been surgically made.
- True
 - False
9. Hypovolemic shock is a category of shock caused by _____.
- an abnormally low fluid volume (blood or plasma) in the body.
 - an abnormally high fluid volume (blood or plasma) in the body.
 - an abnormally consistent fluid volume (blood or plasma) in the body.
 - an abnormally resistant fluid volume (blood or plasma) in the body.
10. Which of the following are hazards associated with oxygen administration?
- fire
 - oil and oxygen coming in contact with one another
 - tank puncture
 - all of the above
11. Multisystem trauma is trauma to the body that affects multiple oxygen systems.
- True
 - False
12. The application of an electrical shock to a patient's heart is an attempt to convert a lethal rhythm into a normal one is _____.
- cardio
 - defibrillation
 - refibrillation
 - unfibullation
13. Which of the following is not a means of the body losing heat?
- radiation
 - conduction
 - convection
 - coma
14. The main medical complaint as described by the patient is the chief complaint.
- True
 - False

15. Which of the following is not a sign of sepsis?
- fever
 - altered mental status
 - high blood pressure
 - rapid heart rate
16. Jugular vein distention (JVD) is _____.
- an abnormal bulging of the veins of the neck
 - an abnormal bulging of the veins of the leg
 - an abnormal bulging of the veins of the head
 - an abnormal bulging of the veins of the arm
17. Which of the following is not a more common cause of dyspnea?
- asthma
 - chronic bronchitis
 - chronic arthritis
 - emphysema
18. The conduction pathway is the electrical pathway within the heart.
- True
 - False
19. A multiple-casualty incident is also known as a mass-casualty incident.
- True
 - False
20. Which of the following is not a disease of concern to Emergency Medical Responders?
- AIDS/HIV
 - Cancer
 - Tuberculosis
 - Meningitis
21. Air in the chest cavity is called _____.
- pneumothorax
 - hemothorax
 - crepitus
 - paradoxial

22. The common prefix for the study of blood is _____.
- a. Hyper-
 - b. Hypo-
 - c. Hemo-
 - d. Vaso-
23. Which one of the following is not a bone of the human skull?
- a. malar
 - b. femur
 - c. mandible
 - d. orbit
24. Trendelenburg position is a position in which the patient is placed flat on his back with his legs and feet raised.
- a. True
 - b. False
25. Which of the following are types of splints?
- a. soft
 - b. rigid
 - c. commercial
 - d. all of the above
26. Rescue breathing is the act of providing positive pressure ventilations for a patient who has inadequate respirations.
- a. True
 - b. False
27. Which of the following is not a type of shock?
- a. hemorrhagic shock
 - b. perfusion shock
 - c. neurogenic shock
 - d. psychogenic shock

28. The pressure gauge of a half full oxygen cylinder will display approximately _____ psi.
- a. 500
 - b. 1000
 - c. 1500
 - d. 2000
29. What respiratory condition is characterized by altered mental status, slow respiratory rate, and shallow tidal volume and occurs when the body's normal ability to compensate for inadequate oxygen fails.
- a. respiratory failure
 - b. hypercarbia
 - c. COPD
 - d. None of the above.
30. The medical term for what is commonly known as a heart attack is myocardial infraction.
- a. True
 - b. False