

**Southeast Region Mine Rescue Contest
First Aid Test – June 24, 2014**

1. The spine can be felt (palpated) on the _____ aspect of the body.
 - a. posterior
 - b. anterior
 - c. inferior
 - d. superior

2. A leaf-shaped structure that covers the larynx when we swallow which prevents food and fluids from entering the trachea is called the bronchial hinge.
 - a. True
 - b. False

3. When referring to blood pressure, _____ is the relaxing phase of the heart and _____ is the contraction phase of the heart.
 - a. Biostolic, systolic
 - b. Systolic, biostolic
 - c. Diastolic, systolic
 - d. Systolic, diastolic

4. Noisy breathing is a sign of adequate airway obstruction.
 - a. True
 - b. False

5. A memory aid for the classification of mental status, or levels of responsiveness is:
 - a. GCS
 - b. AVPU Scale
 - c. DCAPBTLS
 - d. OPQRST

6. The term oxygen concentration refers to the actual percentage of oxygen being delivered to the patient.
 - a. True
 - b. False

7. There are three primary forces that cause musculoskeletal injuries. They are ____
 - a. Direct force, primary force, and full force
 - b. Direct force, indirect force, and twisting force
 - c. Primary force, twisting force, and indirect force
 - d. Full force, medium force, and low force

8. The adult male (154 pounds) contains 6.5 liters of total blood volume.
 - a. True
 - b. False

9. Which of the following is not a common sign or symptom of cardiac compromise?
 - a. Dyspnea
 - b. Nausea/Vomiting
 - c. Calmness
 - d. Diaphoresis

10. The purpose of placing an occlusive dressing over an open chest wound is to:
 - a. Control the bleeding
 - b. Keep the chest contents from spilling out
 - c. Keep air from entering the chest cavity
 - d. Make it easier for the patient to breathe

11. The following organs are hollow: Gall bladder, stomach, urinary bladder, and spleen.
 - a. True
 - b. False

12. Septic shock is caused by a widespread infection of the blood.
 - a. True
 - b. False

13. All of the following are signs or symptoms of internal bleeding except:
 - a. Increased pulse rate
 - b. Decreasing blood pressure
 - c. Decreasing pulse rate
 - d. Pale skin color

14. Open wounds may be classified as:
 - a. abrasions
 - b. punctures
 - c. avulsions
 - d. all of the above

15. Defibrillation is the application of an electric shock to a patient's heart in an attempt to convert a lethal rhythm into a normal one.
 - a. True
 - b. False

16. Which of the following is probably the most common form of chronic obstructive pulmonary disease?
 - a. Wheezing
 - b. Anxiety
 - c. Asthma
 - d. Rapid breathing

17. Triage is a process of sorting patients into categories and prioritizing their medical care and transport based on:
 - a. Number of injuries and medical conditions
 - b. Age, weight, and height of injury
 - c. Proximity to the mechanism of injury
 - d. Severity of injuries and medical conditions

18. Diabetes is a disease that prevents individuals from producing enough insulin or from using insulin effectively.
 - a. True
 - b. False

19. Which of the following is not a sign of cardiac arrest?
 - a. unresponsiveness
 - b. no breathing
 - c. orange skin color
 - d. no pulse

20. Radiation is the loss of body heat to the atmosphere or nearby objects without physical contact.
 - a. True
 - b. False

21. Spine injuries are caused by forces to the _____.
- Head, neck, back, chest, pelvis, or legs
 - Head, arms, back, chest, pelvis, or legs
 - Neck, chest, head, hands, pelvis, or legs
 - Legs, back, chest, fingers, neck, or pelvis
22. Crepitus is a grating noise or the sensation felt when broken bone ends rub together.
- True
 - False
23. Which of the following is the most appropriate care for an open abdominal injury?
- Pack the inside of the wound with a clean dressing
 - Pour sterile saline over the wound
 - Cover the wound with a dry, clean dressing
 - Cover the wound with moist, sterile dressing.
24. Once you have started CPR, continue to provide CPR until you are exhausted and no longer able to continue.
- True
 - False
25. Which of the following is not one of the “minimum of three functions” of a oxygen regulator?
- reduce tank pressure
 - increase the tank pressure
 - display tank pressure
 - control the delivery of oxygen
26. Which of the following is not a situation where a patient may benefit from supplemental oxygen?
- heart failure
 - shock
 - small cut to the finger
 - apnea (not breathing)
27. Which one of the following is not a classification of burns?
- dark burns
 - light burns
 - lightning burns
 - radiation burns

28. All the bones that form the upright axis of the body, including the skull, spinal column, sternum(breastbone) and ribs make the axial skeleton.
- True
 - False
29. A triangular bandage used to stabilize the elbow and arm is called a :
- cravat
 - dressing
 - bandage
 - sling
30. A multiple-casualty incident (MCI) involves _____ victims.
- more than one
 - more than two
 - fewer than 10
 - fewer than 100

