

First Aid Test – Northeast Mine Rescue Contest – 2008

1. Unless otherwise stated, all references to body structures are made when the body is in the \_\_\_\_\_ position.

- A. prone
- B. supine
- C. lateral recumbent
- D. anatomical

2. The heart is located in the \_\_\_\_\_ cavity.

- A. thoracic
- B. spinal
- C. cranial
- D. abdominal

3. The primary purposes of the initial assessment is to:

- A. detect all injuries and illnesses.
- B. identify and correct life-threatening problems
- C. identify and correct all illnesses and injuries.
- D. detect all life-threatening problems

4. Respiration, circulation, and bleeding are first addressed during the:

- A. focused history and physical exam.
- B. head-to-toe examination.
- C. initial assessment.
- D. taking of vital signs.

5. The carotid pulse can be felt on the patient's:

- A. neck
- B. wrist
- C. foot
- D. temple

6. In the "ABCs" of emergency care, the "C" stands for Compression.

- A. True
- B. False

7. A patient is short of breath and complains of pain in his left arm and jaw. You must care for this patient as though he may be experiencing:

- A. congestive heart failure.
- B. a seizure
- C. a heart attack.
- D. a stroke

8. The primary responsibility of a First Responder providing care for a patient having a grand mal seizure is to place a bite stick in the patients mouth.

- A. True
- B. False

9. The typical adult has about 12 pints of blood.

- A. True
- B. False

10. Bright red blood spurting from a wound indicates \_\_\_\_\_ bleeding.

- A. venous
- B. arterial
- C. capillary
- D. venule

11. Which of the following is a requirement for a nonemergency move?

- A. The scene must be hazardous.
- B. The patient has a seriously bleeding back wound.
- C. You must reach another patient who is not breathing.
- D. The patient must be responsive.

12. The most commonly used device for moving a patient, which is kept in the back of the ambulance, is the \_\_\_\_\_stretcher:

- A. scoop
- B. flexible
- C. wheeled
- D. basket (Stokes)

13. Adequate blood flow to all cells of the body is called perfusion.

- A. True
- B. False

14. The normal pulse rate for an adult at rest will fall between 60 and 100.

- A. True
- B. False

15. Ineffective CPR will occur if:

- A. the breastbone is compressed.
- B. compression and release times are equal.
- C. the patient is on a hard surface.
- D. the patient's nostril are open during ventilation

16. Except for a few special cases, impaled objects should:

- A. not be removed
- B. be removed if they are loose.
- C. be removed if the impalement is shallow:
- D. be removed to stop bleeding.

17. A burn that involves all the layers of the skin is commonly referred to as a \_\_\_\_\_burn.

- A. superficial
- B. partial-thickness
- C. full-thickness
- D. thermal

18. Which of the following chemicals should be brushed from the skin rather than washed away with water?

- A. hydrochloric acid
- B. dry lime
- C. sodium hydroxide
- D. acetic acid

19. An unknown chemical burn to the eye requires at least \_\_\_\_\_ minutes of flushing with running water.

- A. 5
- B. 10
- C. 15
- D. 20

20. A patient has a painful and deformed ankle injury. You should:

- A. straighten the foot and apply a pillow splint.
- B. tie his ankles together.
- C. Immobilize his foot in the position in which it was found, using a pillow splint.
- D. Elevate the entire lower extremity.

21. When using a rigid splint on a suspected fractured femur, the longest splint should extend from the \_\_\_\_\_ to past the foot.

- A. knee
- B. buttocks
- C. hip
- D. waist

22. You can suspect possible brain injury if there is head trauma and the Pupils of the eyes are:

- A. responsive
- B. unequal
- C. constricted
- D. pale red

23. A patient with a head injury has clear fluids draining from the nose. You should:

- A. apply direct pressure with a dressing.
- B. pack the nostrils with dressing.
- C. pack the nostrils and ears with cotton.
- D. Not attempt to stop the flow.

24. Your first concern for a patient who has an injury to the mouth is to tilt the head forward.

- A. True
- B. False

25. If a patient has a head injury, you must suspect \_\_\_\_\_ injuries.

- A. spinal
- B. nasal
- C. eye
- D. ear