

## 2016 MINE RESCUE FIRST AID

### WRITTEN EXAM

1. What is hemothorax?
  - a) Blood clot
  - b) Blood in the chest cavity pg 638
  - c) Blood in the neck
  - d) Air in the chest cavity
2. All of the following are terms used for stages of death and dying EXCEPT:
  - a) denial
  - b) anger
  - c) bargaining
  - d) refusal pg 50
3. What is Hypoxia?
  - a) Difficulty breathing
  - b) Puncture of the lungs
  - c) Internal bleeding
  - d) Insufficient levels of oxygen in the blood and tissue pg 639
4. If a patient has a tension pneumothorax, they have...
  - a) An abnormal buildup of pressure in the chest cavity pg642
  - b) An abnormal buildup of air in the stomach
  - c) Tension on the trachea
  - d) Open chest injury
5. The primary muscle for respiration is the:
  - a) pharynx
  - b) diaphragm pg 138
  - c) trachea
  - d) esophagus
6. An abnormal breathing pattern characterized by slow, shallow breaths that typically occur following cardiac arrest
  - a) anaphylaxis
  - b) shortness of breath
  - c) dyspnea
  - d) agonal respirations pg636
7. The mediastinum is ;
  - a) The structure that divides the two halves of the chest cavity pg 639
  - b) The side of the ribcage
  - c) The imaginary line that divides the inferior from superior
  - d) the recumbent line

8. The collarbone is on the \_\_\_\_\_ aspect of the body.
- a) Posterior
  - b) Anterior pg 60
  - c) Inferior
  - d) Superior
9. The term diaphoresis refers to:
- a) Excessive sweating pg 637
  - b) Skin temperature
  - c) Heart rhythm
  - d) Skin color
10. When assessing circulation for a responsive adult patient, you should assess:
- a) radial pulses on both sides of the body
  - b) the radial pulse on one side pg255
  - c) a distal pulse
  - d) the carotid pulse
11. \_\_\_\_\_ is a grating noise or the sensation felt when broken bone ends rub together.
- a) crape
  - b) crating
  - c) crepitus pg 637
  - d) cravat
12. The triage system was developed to assist in determining those victims needing
- a) Standard care
  - b) Long term care
  - c) Immediate transport
  - d) Immediate care
13. The position a patient with no suspected spine injury can be placed in is called
- a) Recovery position pg 641
  - b) Fowlers position
  - c) Primary position
14. \_\_\_\_\_ is the act of using one's hands to touch or feel the body
- a) Frisking
  - b) Palpitations
  - c) Patience
  - d) Palpation pg 640
15. A thorough assessment of an extremity injury includes an evaluation of distal CSM. What does CSM stand for?
- a) circulation, sensation, motor function pg 415
  - b) color, sensation, motor function
  - c) color, strength, Manual movement

- d) circulation, strength, motor function
16. Hypotension is
- a) Abnormally high blood pressure
  - b) Abnormally low blood pressure pg 639
  - c) Inadequate perfusion
  - d) Abnormal pulse
17. The bluish discoloration of the tissue caused by the lack of sufficient oxygen is called
- a) ecchymosis
  - b) circulation
  - c) cyanosis pg 637
  - d) perfusion
18. Which one of the following is the MOST appropriate care for an open abdominal injury?
- a) cover the wound with a dry clean dressing
  - b) pour sterile saline over the wound
  - c) cover the wound with an occlusive dressing pg 474
19. One of the most common consequences of overinflating a patient during rescue breaths is:
- a) A ruptured lung
  - b) Inadequate chest rise
  - c) Gastric distention pg 148
  - d) A weak mask seal
20. \_\_\_\_\_ is the process of comparing multiple sets of vitals from the same patient.
- a) Base line
  - b) Comparing
  - c) Trending pg 222
  - d) Trending
21. Before restraining a combative patient, the emergency medical responder should obtain \_\_\_\_\_ approval. (Disregard this question)
- a) Law enforcement
  - b) Medical direction
  - c) ALS
  - d) Supervisor
22. A patient who presents with warm moist skin, weakness and nausea is likely experiencing.
- a) Heat exhaustion pg 337
  - b) Heat stroke
  - c) Heat cramps
  - d) Mild heat stroke
23. When assessing a patient with a medical complaint, the best way to determine the problem is to:
- a) Identify the medications he is taking.
  - b) Perform a thorough physical exam.

- c) Determine the chief complaint. pg-182
- d) Assess the mechanism of injury.
24. All of the following are functions of the musculoskeletal system EXCEPT:
- a. strength pg - 370
  - b. support
  - c. protection
  - d. cell production
25. The load on your back is minimized if you can keep the weight you are carrying:
- a) as close to your body as possible pg 95
  - b) at least 6 inches in front of you
  - c) at least 18 inches in front of you
  - d) as low as possible
26. Clinical death occurs when the patient's:
- a) brain cells begin to die
  - b) breathing has stopped for four minutes
  - c) pulse has been absent for five minutes
  - d) cardiac and respiration function have stopped pg – 115-116
27. You are caring for a patient who has an injury characterized by an open wound, severe deformity, and bleeding. Your highest priority is:
- a) Straighten the deformity
  - b) Covering the open wound
  - c) Splinting the extremity
  - d) Controlling bleeding pg 418
28. Nitroglycerin is a common medication used to treat:
- a) congestive heart failure
  - b) n respiratory problems
  - c) cardiac chest pain pg 258
  - d) allergic reactions
29. Altered mental status is best defined as a patient who;
- a) is unresponsive
  - b) cannot tell you what day it is
  - c) is not alert or responsive to surroundings pg 263
  - d) cannot speak properly
30. The \_\_\_\_\_ prevents food and other materials from entering the trachea.
- a) tongue
  - b) alveoli
  - c) pharynx
  - d) epiglottis pg - 117