

2015 MINE RESCUE FIRST AID

WRITTEN EXAM

Name _____

Team name _____

1. Which of the following pathogens most often effects the lungs and can be spread by a person coughing
 - a) Meningitis
 - b) Tuberculosis
 - c) Hepatitis B
 - d) HIV

2. All of the following are terms used for stages of death and dying EXCEPT:
 - a) denial
 - b) anger
 - c) bargaining
 - d) refusal

3. You are caring for a patient with an injured rib or two. There is no flail segments and the patient is alert and oriented. What is the most likely potential complication from a simple rib injury?
 - a) Hypoxia from shallow respirations
 - b) Puncture of the heart and lungs
 - c) Internal bleeding
 - d) Pneumothorax

4. A 35 year old male has been stabbed once in the posterior chest, how would you describe the injury when completing your documentation?
 - a) Closed chest injury
 - b) Evisceration
 - c) Open chest injury
 - d) Flail chest

5. The primary muscle for respiration is the:
 - a) pharynx
 - b) diaphragm
 - c) trachea
 - d) esophagus

6. When the body suffers a significant loss of blood, which type of shock is most likely to occur?
 - a) anaphylactic
 - b) cardiogenic
 - c) hemorrhagic
 - d) septic

7. The imaginary line that bisects the body into two halves (left and right) is known as the:
 - a) midline
 - b) proximal break
 - c) inferior aspect
 - d) recumbent line

8. The naval is on the _____ aspect of the body.
 - a) Posterior
 - b) Anterior
 - c) Inferior
 - d) Superior

9. The term diaphoretic refers to:
- a) Pupil reaction
 - b) Skin temperature
 - c) Heart rhythm
 - d) Skin moisture
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
 - c) a distal pulse
 - d) the carotid pulse
11. A respiratory rate that is less than ____ for an adult should be considered inadequate.
- a) 4
 - b) 6
 - c) 8
 - d) 10
12. An MCI involves ____ victims
- a) More than one
 - b) More than two
 - c) Fewer than ten
 - d) Fewer than one hundred
13. The Jump START triage system was developed for:
- a) Children age 12 months to teenage years
 - b) Children age 12 months to 8 years
 - c) Adult patients younger than 50 years of age

d) Adult patients older than 50 years of age

14. A _____ occurs when one end of a bone that is part of a joint is pulled or pushed out of place
- a) fracture
 - b) dislocation
 - c) concussion
 - d) rotation
15. A thorough assessment of an extremity injury includes an evaluation of distal CSM. What does CSM stand for?
- a) circulation, sensation, motor function
 - b) color, sensation, motor function
 - c) color, strength, Manual movement
 - d) circulation, strength, motor function
16. In the START triage system, patients are categorized based on an assessment of respiration and:
- a) Perfusion and mental status
 - b) Blood pressure and mental status
 - c) Perfusion and signs of shock
 - d) Signs of shock and mental status
17. The adequate flow of oxygenated blood to all cells of the body is called
- a) systole
 - b) circulation
 - c) compensation
 - 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
 - d) pack the inside of the wound with clean dressing
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
 - d) A weak mask seal
20. All of these can be found in the abdominal cavity EXCEPT the:
- a) Stomach
 - b) Liver
 - c) spleen
 - d) heart
21. Before restraining a combative patient, the emergency medical responder should obtain _____ approval.
- 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
 - b) Heat stroke

- c) Heat cramps
 - d) Mild heat stroke
23. More serious heat-related injuries should be suspected when the patient presents with:
- a) Feeling lightheaded
 - b) Muscle cramps
 - c) Hot, dry skin
 - d) weakness
24. Which of the following patients is most at risk for multisystem trauma?
- a) 16 year old who fell 4 feet from a ladder
 - b) 66 year old female ejected from a vehicle rollover
 - c) 44 year old male who's foot was crushed by a forklift
 - d) 27 year old who was struck in the head by a baseball bat
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
 - b) at least 6 inches in front of you
 - c) at least 18 inches in front of you
 - d) as low as possible
26. When caring for a patient with severe burns, you must take BSI precautions and then:
- a) Stop the burning process
 - b) Prevent further contamination
 - c) Flush only large burn areas

- d) Remove jewelry
27. You are caring for a burn victim who has partial thickness burns covering his entire right arm and the front of his torso, what is the estimated BSA?
- a) 18%
 - b) 25%
 - c) 27%
 - d) 36%
28. 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
29. Nitroglycerin is a common medication used to treat:
- a) congestive heart failure
 - b) respiratory problems
 - c) cardiac chest pain
 - d) allergic reactions
30. 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
 - d) cannot speak proper