

CHAPTER 12-QUIZ
Muscle and Bone Injuries

Circle the letter of the best answer.

1. Which of the following is NOT part of the musculoskeletal system?
 - a. skin
 - b. bones
 - c. blood vessels
 - d. joints
2. Which of the following is NOT a function of the musculoskeletal system?
 - a. support
 - b. oxygenation
 - c. movement
 - d. protection
3. The force causing fractures in a patient struck by an auto is:
 - a. direct force.
 - b. indirect force.
 - c. rotational force.
 - d. twisting force.
4. When twisting forces cause ligaments to tear or stretch, the resulting injury is a:
 - a. fracture.
 - b. dislocation.
 - c. strain.
 - d. sprain.
5. When one end of a bone that is part of a joint is pulled or pushed out of place, the resulting injury is a:
 - a. fracture.
 - b. dislocation.
 - c. strain.
 - d. sprain.
6. When caring for patients with injuries to the musculoskeletal system, first priority is given to possible injury to the spine. Next to be cared for should be injuries to the:
 - a. pelvis.
 - b. ribs.
 - c. skull.
 - d. thigh.
7. Typically, air splints might be used for all of the following injury sites EXCEPT:
 - a. upper arm.
 - b. lower arm.
 - c. upper leg.
 - d. lower leg.
8. You may easily secure the hand in its position of function by:
 - a. placing a roll of gauze in the patient's hand.
 - b. securing it with a sling and swathe.
 - c. using a rigid splint.
 - d. laying it across a pillow on the patient's lap.

9. For which of the following upper extremity injuries would a rigid splint typically be most appropriate?
- a. collarbone
 - b. shoulder bone
 - c. upper-arm bone
 - d. shoulder joint
10. When a patient has multiple injuries, it may be best to:
- a. totally immobilize the patient on a long spine board.
 - b. immobilize each extremity with a rigid splint.
 - c. immobilize upper extremities with soft splints and lower extremities with rigid splints.
 - d. immobilize lower extremities with PASG and upper extremities with air splints.
11. Which of the following is NOT a part of the axial skeleton?
- a. skull
 - b. spinal column
 - c. chest
 - d. pelvis
12. Infants have soft spots (fontanelles) at the top, sides, and back of their heads. The smaller ones at the sides and back close within a few months, but the largest soft spot at the top of the skull does not close completely until about:
- a. 8 to 12 months.
 - b. 12 to 18 months.
 - c. 18 to 24 months.
 - d. 24 to 36 months.
13. The only movable part of the skull is the:
- a. maxilla.
 - b. mandible.
 - c. cranium.
 - d. orbits.
14. For a patient who is wearing a helmet, you should leave the helmet in place if:
- a. the patient can be placed in a neutral in-line position on a spine board.
 - b. the patient's head moves inside the helmet.
 - c. the patient is in cardiac arrest.
 - d. the patient's airway is obstructed.
15. The condition in which fractured ribs create a section of chest that moves in the opposite direction of the rest of the chest wall during breathing is called:
- a. oppositional pectoris.
 - b. paradoxical perfusion.
 - c. antagonistic rib cage.
 - d. flail chest.

10. A _____ is a triangular bandage used to stabilize the shoulder and arm. It supports and maintains _____ of the lower arm. A _____ is used to hold the arm against the side of the chest in order to _____ .
11. The process of applying gentle tension to the PSD extremity during the splinting process is called _____ .
12. The bones that form the forehead and the floor, back, top, and upper sides of the skull are called the _____ .
13. The spinal column includes the _____ and the _____ . The neck bones are called the _____ and connect to the _____ . The rest of the spine is commonly known as the backbone. The spine protects the _____ as it runs from the brain down through the back.
14. A bruising of the brain caused by the force of a blow great enough to rupture blood vessels on the surface or deep within the brain is a _____ .
15. Assume that a patient with head injuries also has _____ injuries. Also assume that a patient with _____ trauma has injuries to the neck.