

MEDICAL FIRST RESPONDER
MARCH 2011 PRE-WORK

Name _____

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 1) The personal protective equipment for the Emergency Medical Responder should only include masks, gowns, barrier devices, and eye protection. 1) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 2) The National Registry of Emergency Medical Technicians recognizes all of the following EMS levels EXCEPT: 2) _____
A) Emergency Medical Responder.
B) EMT-Basic.
C) EMT-Paramedic.
D) EMT-Dispatcher.

- 3) The first concern at the scene of an emergency is: 3) _____
A) the patient's chief complaint.
B) scene safety.
C) to determine what caused the injury.
D) to carry out emergency duties.

- 4) When moving or lifting a patient, you should: 4) _____
A) ask bystanders to help.
B) determine the patient's chief complaint.
C) provide emotional support.
D) use good body mechanics.

Use this scenario to answer the following question(s).

You respond to a 67-year-old female who has fallen at home. On arrival the patient is conscious and alert, with no respiratory or cardiac compromise. She states she tripped and fell and now has pain in her left hip. She thinks she might have heard a "pop" as she hit the floor. She has her neighbor at her side and says it is all right for you to leave, and that the neighbor can get her up and to her favorite chair. She's afraid she can't afford the ambulance and the hospital, and she is sure she is just feeling her age. You know that the ambulance is on its way and should arrive soon.

- 5) Following the call, one of the neighbors stops you and asks what happened. You know you cannot speak with him concerning the patient's condition because it would breach: 5) _____
A) customer service. B) confidentiality.
C) the standard of care. D) patient consideration.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 6) Any adult of legal age can refuse medical care. 6) _____
7) Ethics is defined as "behavior that is right, good, and proper." 7) _____

You receive a call to a patient with the complaint of shortness of breath, fever, and coughing.

- 12) As with the patient in the example, Emergency Medical Responders know that the most common diseases of concern to them include all of the following EXCEPT: 12) _____
- A) meningitis.
 - B) acquired immune deficiency syndrome.
 - C) hepatitis B virus.
 - D) whooping cough.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 13) Medial refers to something closer to the midline. 13) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Use this scenario to answer the following question(s).

Mr. Stevenson, a 47-year-old male, was walking across the street when he was struck by an oncoming car. You find him conscious and alert. Your partner has taken spinal restriction, and you assure that he has no compromise to the airway or circulation. He complains of abdominal pain, back pain, and pain in his left leg. You explain that the ambulance is on the way, and you begin a more detailed exam.

- 14) During your assessment of the abdomen, Mr. Stevenson indicates that he feels considerable pain over the upper outer portion of his left side of his abdomen. You would describe this as being in the: 14) _____
- A) RLQ.
 - B) LUQ.
 - C) LLQ.
 - D) RUQ.

Use this example to answer the following question(s).

You have a call for a 47-year-old female with abdominal pain. When asked, she points to the upper portion of the right side of her abdomen.

- 15) You would report this as the: 15) _____
- A) RUQ.
 - B) LUQ.
 - C) LLQ.
 - D) RLQ.
- 16) When the body's own immune system starts attacking itself, this is called: 16) _____
- A) antibody.
 - B) organisms.
 - C) allergies.
 - D) autoimmune disorder.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 17) A vest-type extrication device should be placed on the spinal injured victim prior to the removal from a vehicle during an emergency move. 17) _____
- 18) When lifting, you should use your legs and back. 18) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 19) You have a patient with a suspected spinal injury. The best method for movement to the backboard device would be: 19) _____
- A) log roll.
 - B) shoulder drag.
 - C) extremity lift.
 - D) direct carry.

Use this scenario to answer the following question(s).

You have been called to a chest pain patient at the local apartment complex. This patient is found in Apartment 323 on the third floor of the complex. The patient has a history of angina and wants to be transported to the hospital. After assessment and beginning treatment, you and your partner formulate a plan for taking the patient down to the unit.

- 20) Upon moving the patient, you and your partner will want to use appropriate body mechanics and lifting techniques to prevent any injuries to yourselves. The following are all appropriate techniques for safe moving and lifting EXCEPT: 20) _____
- A) never twisting or making moves other than the lift.
 - B) carrying the weight away from the body.
 - C) positioning your feet approximately at shoulder width.
 - D) using your legs, not your back, to do the lifting.

Use this scenario to answer the following question(s).

You and your partner decide to stop at the local restaurant to have lunch. A family sitting across from you seems to be having fun while joking with the children. All of a sudden you hear a shriek and see the mother lifting the child from the highchair. The mother screams, "My baby can't breathe." The 11-month-old is conscious and not making any noises. His eyes are wide open, and his skin is turning blue around the lips.

- 21) You believe that the child has: 21) _____
- A) experienced a seizure.
 - B) a mild obstructed airway.
 - C) a blockage of his esophagus.
 - D) a severe airway obstruction.
- 22) When opening the airway of the infant, it would help if the provider would: 22) _____
- A) place a towel under the shoulders of the infant.
 - B) hyperflex the neck of the infant.
 - C) place a towel under the head of the infant.
 - D) hyperextend the neck of the infant.

Use this scenario to answer the following question(s).

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- 23) After caring for the infant for a couple of minutes, you remove a small piece of a French fry. After attempting breaths, you observe chest rise. The infant has a pulse and signs of circulation but will need rescue breaths. You begin rescue breaths at _____ breaths every _____ seconds. 23) _____
- A) 2/5 B) 1/3 C) 2/15 D) 1/5

Use this scenario to answer the following question(s).

You and your partner are responding to a patient who passed out in a store. Your patient is a 21-year-old male who stated to his friend that he was feeling light-headed. Upon arrival you find your patient on the floor. He has a respiration rate of 6 with heavy breathing, and his teeth are clinched.

- 24) To help control this patient's airway, you should use: 24) _____
- A) nasopharyngeal airway. B) heat-tilt, chin-lift.
C) oropharyngeal airway. D) soft airway.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 25) Assessment of the adult victim's circulation is done by checking the carotid pulse at the wrist. 25) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Use this scenario to answer the following question(s).

You have been dispatched to the scene of a construction site where a man has fallen from the second story while working on the roof. He is found lying supine on the ground, and all the other workers are looking on.

- 26) During your initial assessment of the patient, you find that he responds with a groan when you pinch his shoulder. You would indicate his level of consciousness as: 26) _____
- A) V. B) U. C) A. D) P.

- 27) As you are palpating the abdomen of the patient, you notice that he has bruising around the umbilicus, and the abdomen is swollen and firm. You suspect that your patient may have: 27) _____
- A) gastric distress. B) internal hemorrhage.
C) peritonitis. D) ruptured diaphragm.

- 28) As you arrive on scene, you and your partner perform the scene size-up. You both assess all of the following components of the scene size-up EXCEPT: 28) _____
- A) mechanism of injury.
B) scene safety.
C) the patient's respiratory status.
D) number of patients.

- 29) You are responding to a construction site where a person has passed out. On your arrival, you find a patient on the ground. He is hot to the touch and has very little perspiration. This patient has: 29) _____
- A) heat stroke. B) heat cramps.
C) heat exhaustion. D) all of the above.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 30) Chronic obstructive pulmonary disease (COPD) is a lung disease that can be caused by cigarette smoking. 30) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 31) The heart receives oxygenated blood through the: 31) _____
- A) blood. B) veins.
C) arteries. D) coronary arteries.

- 32) You have a patient complaining of difficulty breathing for the last couple of days, gradually getting worse tonight. He states that for the last couple of days he can't lie flat because it makes him short of breath. He has been sleeping in a chair, and you notice his ankles are swollen. You believe his condition is called: 32) _____
- A) angina pectoris.
B) congestive heart failure.
C) chronic obstructive pulmonary disease.
D) asthma.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 33) You have a patient with a penetrating wound to the chest that has bubbling blood, and the patient is having respiratory difficulty. The best dressing for this wound would be an occlusive dressing with only three sides taped as a flutter valve. 33) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 34) A wound that has a large flap of skin torn loose or off is called a(n): 34) _____
- A) crush injury. B) avulsion.
C) laceration. D) amputation.

Use this scenario to answer the following question(s).

Your crew has been called to the scene of a chain saw accident. A 27-year-old male was working with the chain saw when it slipped and cut across the thigh of his right leg. He has a jagged 5-inch cut to the inside of the thigh that is actively bleeding.

- 35) Your patient is conscious and alert, has a patent airway, and is breathing at a rate of approximately 20 breaths per minute. The patient's pulse is fast and thready. You notice active bleeding from the open wound and prepare to attempt to stop the bleeding. All of the following are recommended procedures for stopping the bleeding EXCEPT: 35) _____
- A) direct ice application. B) use of a pressure point.
C) direct pressure. D) pressure dressings.

Use this scenario to answer the following question(s).

Your engine company is called to a house fire. Upon arrival you find a 50-year-old male who is burned. His burns are red and have blisters.

- 36) Your patient is conscious and alert. His airway is open, and he is breathing at a rate of approximately 22 breaths per minute. Your patient has burns to both of his legs. The percentage of burns to his body would be: 36) _____
- A) 18%. B) 25%. C) 32%. D) 36%.

Use this scenario to answer the following question(s).

You and your partner receive a call for a motorcycle collision. You arrive on the scene, determine the scene is safe, and proceed with emergency care to the victim of the collision. You find on your initial assessment multiple injuries to the chest, pelvis, and lower extremities. No obvious uncontrolled bleeding has been found. You begin reassuring the victim and inform him that the ambulance has been notified and is en route.

- 37) Given your knowledge of injuries to muscles and bones, you notice the victim's lower extremity is swollen, slightly deformed, and very painful to the touch. Though you cannot diagnose specific injuries, you suspect the victim may have a: 37) _____
- A) fracture. B) dislocation.
C) sprain. D) strain.
- 38) Direct injury to the brain in open head injuries can be caused by: 38) _____
- A) foreign objects or debris. B) lacerations and contusions.
C) neither A nor B. D) both A and B.
- 39) All unresponsive trauma patients should be assumed to have which of the following? 39) _____
- A) Low blood sugar B) High blood sugar
C) Intoxication D) Spinal injuries

Use this scenario to answer the following question(s).

You are called for an elderly patient who slipped and fell in the grocery store. The patient states that she has pain in her hip and right shoulder. You let the patient know that the ambulance has been called and is on the way.

- 40) Before you immobilize an elderly patient on a backboard, you should keep in mind that she could have _____ and that it could affect the _____. 40) _____
- A) curvatures of the spine/airway
B) injury/airway
C) bone softening/airway
D) osteoporosis/airway
- 41) Elderly people live with limited mobility that can be caused by: 41) _____
- A) depression. B) poor nutrition.
C) falls. D) all of the above.

- 51) As an Emergency Medical Responder, your first consideration at any emergency should be: 51) _____
- A) your own safety.
 - B) the patient's safety.
 - C) notifying the communications center of your status.
 - D) providing immediate patient care.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 52) On the scene of a motor vehicle collision, your safety comes last. 52) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 53) What should the Emergency Medical Responder assure prior to entering a building through a window? 53) _____
- A) Poke the floor for signs of weakness
 - B) Determine that the patient is not lying on the other side of the window
 - C) Visually inspect the floor for damage
 - D) All of the above

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 54) Many Emergency Medical Responders are injured when they attempt to help vehicle-collision victims. 54) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 55) Which of the following is NOT a triage category? 55) _____
- A) Delayed
 - B) Immediate
 - C) Priority
 - D) Minor

Use this scenario to answer the following question(s).

You respond to a motor vehicle collision involving several vehicles. Each vehicle has multiple occupants. Determine the correct triage priority for each of the following patients.

- 56) Using the START system, how many respirations per minute would be considered critical? 56) _____
- A) 12
 - B) 30
 - C) 24
 - D) 40

- 57) The alternate version of the START triage system used for pediatric patients is known as: 57) _____
- A) HeadSTART.
 - B) JumpSTART.
 - C) ChildSTART.
 - D) PedSTART.

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 58) Triage is a process of sorting a number of patients into categories and ordering their treatment and transport based on the severity of their injuries and medical conditions. 58) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 59) The three stages of labor are: 59) _____
- A) contractions begin as the baby enters the birth canal, baby is born, and delivery of the afterbirth.
 - B) baby leaves the birth canal and enters the vaginal opening, baby is born, and delivery of the afterbirth.
 - C) contractions begin as baby leaves the birth canal and enters the vaginal opening, baby is born, delivery of the afterbirth.
 - D) contractions cease as the baby enters the birth canal, baby is born, and delivery of the afterbirth.
- 60) When assessing and providing emergency care of a pediatric trauma patient, keep in mind that their larger head size and weight make pediatric patients more prone to: 60) _____
- A) neck and back trauma.
 - B) back and extremity trauma.
 - C) head and neck trauma.
 - D) increased pressure within their skull.

