

Name _____

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

- 1) In which of the following locations is the carotid pulse correctly palpated? 1) _____
A) Posterior to the angle of the mandible, just inferior to the earlobe
B) In the groove between the thyroid cartilage and sternocleidomastoid muscle on either side of the anterior neck
C) In the midline of the neck anteriorly, just superior to the thyroid cartilage
D) On either side of the neck just lateral to the sternocleidomastoid muscle

- 2) Which of the following is NOT part of the SAMPLE history? 2) _____
A) Signs and symptoms
B) Information about the present problem
C) Past medical history
D) None of the above

- 3) The larger bone of the lower leg is called the: 3) _____
A) Patella
B) Fibula
C) Tibia
D) Femur

- 4) Which of the following is the name of the structure that protects the lower airway from food, liquids, and other substances? 4) _____
A) Cardiac sphincter
B) Epiglottis
C) Chordae tendonae
D) Mitral valve

- 5) Which of the following is important in blood clotting? 5) _____
A) Platelets
B) Plasma
C) Carbon dioxide
D) Corpuscles

- 6) Which of the following is NOT a cause of unequal pupils? 6) _____
A) Eye injury
B) Fright
C) An artificial eye
D) Stroke

- 7) The muscles that control the size of the bronchioles in the lungs are classified as: 7) _____
A) Smooth muscles
B) Striated muscles
C) Voluntary muscles
D) Skeletal muscles

- 8) Your patient is a 40-year-old known diabetic who was found unconscious at work by a co-worker. You will treat this patient on the basis of: 8) _____
A) Consent for mentally incompetent adults
B) Consent for treatment of minor emergencies
C) Expressed consent
D) Implied consent

- 9) Which of the following provides the greatest personal safety for the EMT working at night or in traffic? 9) _____
A) Fluorescent wrist glow-sticks
B) Reflective outer clothing
C) White-colored outer clothing
D) Flashlight

- 10) Which one of the following methods should be used by the EMT-B to assess a patient's pupils? 10) _____
 A) Shine your penlight into each eye
 B) Ask the patient how many fingers you are holding up
 C) Have the patient follow your finger with his eyes as you move it back and forth
 D) Hold your index finger about 12 inches from each eye and slowly move it toward the eye
- 11) Which of the following best describes the medical condition of shock? 11) _____
 A) Hypotension
 B) Delayed capillary refill
 C) An extreme emotional reaction to a stressful event
 D) A state of inadequate tissue perfusion
- 12) The ability of the heart muscle to generate electrical impulses on its own is a property known as: 12) _____
 A) Contractility B) Conductivity C) Automaticity D) Irritability
- 13) Which of the following is the primary reason that the EMT-B must wear protective eye wear when caring for patients? 13) _____
 A) To avoid exposure to body fluids B) To reduce ultraviolet light exposure
 C) To prevent injury by foreign bodies D) To prevent chemical contamination
- 14) Which of the following is a function of the skin? 14) _____
 A) Protection from the environment B) Regulation of salt and water balance
 C) Regulation of body temperature D) All of the above
- 15) When providing medical care, the EMT acts under the authority of the: 15) _____
 A) City or county council B) Medical director
 C) Employer D) Fire chief
- 16) Which of the following is the primary function of the stomach? 16) _____
 A) Absorption of nutrients into the bloodstream
 B) Chemical breakdown of food by acidic secretions
 C) Absorption of water from food products
 D) Production of bile
- 17) Which of the following is appropriate when carrying equipment with one hand? 17) _____
 A) Lean to the opposite side for leverage B) Keep your back straight and locked
 C) Lean backward for balance D) Lead forward for balance
- 18) The blood vessels surrounding the alveoli are: 18) _____
 A) Veins B) Arteries C) Arterioles D) Capillaries
- 19) Which of the following is a term for the body's response to stress? 19) _____
 A) General sympathetic syndrome B) General relaxation syndrome
 C) General adaptation syndrome D) General adjustment syndrome
- 20) The two major portions of the skull are the: 20) _____
 A) Manubrium and mandible B) Frontal bone and ilium
 C) Atlas and axis D) Cranium and face

- 30) Which type of consent must be used by the EMT-B when seeking to treat a mentally competent adult? 30) _____
 A) Expressed consent B) Implied consent
 C) Unconditional consent D) Conscious consent
- 31) Which of the following is NOT a stage in the grief process? 31) _____
 A) Acceptance B) Fear C) Bargaining D) Denial
- 32) Direction given to the EMT-B by a physician over the telephone or radio is called: 32) _____
 A) Verbal medical direction B) Virtual medical direction
 C) Electronic medical direction D) On-line medical direction
- 33) Which of the following is not a category used to describe respiratory quality? 33) _____
 A) Normal B) Abnormal C) Noisy D) Labored
- 34) Which of the following statements about AIDS is true? 34) _____
 A) HIV infection results in AIDS and is fatal within 2 years of contact
 B) There is an effective vaccine against AIDS available to health care workers
 C) 30% of all HIV positive needle sticks result in AIDS
 D) AIDS presents far less risk to health care workers than does hepatitis B
- 35) Which of the following parts of the spine makes up the tailbone? 35) _____
 A) Coccyx B) Ischium
 C) Cervical vertebrae D) Sacrum
- 36) The first set of vital sign measurements obtained are often referred to as which of the following? 36) _____
 A) Baseline vital signs B) Normal vital signs
 C) Standard vital signs D) None of the above
- 37) Which of the following conditions would be most likely to create liability for an EMT-B who allows refusal of care and transport? 37) _____
 A) The patient willingly signs a release of liability form
 B) The patient and EMT-B do not share a common language
 C) The patient states he is fully aware of the consequences of not seeking medical care
 D) None of the above would create liability; the EMT-B is protected by the Good Samaritan law
- 38) The personality traits of an EMT-B should include all of the following EXCEPT: 38) _____
 A) Confidence in one's abilities
 B) Being able to adapt techniques to unique situations
 C) The ability to gain control of a situation by intimidation
 D) Being able to understand the patient's point of view
- 39) Which of the following is the estimated normal systolic blood pressure of a 26-year-old female? 39) _____
 A) 126 mmHg B) 106 mmHg C) 116 mmHg D) 120 mmHg
- 40) Which of the following attributes is NOT part of the description of a patient's breathing? 40) _____
 A) Duration B) Quality C) Rate D) Rhythm

- 41) Which of the following statements is true concerning protection by Good Samaritan laws? 41) _____
- A) A Good Samaritan law allows an EMT to exceed the scope of practice, if necessary, when providing emergency care off duty
 - B) The purpose of Good Samaritan laws is to protect people trying to help in an emergency
 - C) An EMT cannot be sued for negligence if the state in which he works has a Good Samaritan law
 - D) An EMT is expected to act as a lay person would act when providing emergency care off duty
- 42) An approximate normal systolic blood pressure can be calculated for infants and children by using which of the following formulas? 42) _____
- A) 80 plus 2 times the age in years
 - B) 120 plus 2 times the age in years
 - C) 120 minus 2 times the age in years
 - D) 80 times 2 plus the age in years
- 43) Which of the following parts of the nervous system is responsible for the "fight or flight" response experienced in response to a stressor? 43) _____
- A) Parasympathetic nervous system
 - B) Central nervous system
 - C) Sympathetic nervous system
 - D) Brain
- 44) Which of the following best describes body mechanics? 44) _____
- A) Movement of the body
 - B) Proper use of the body to facilitate lifting and moving objects
 - C) Proper use of the body to prevent injury
 - D) Both B & C
- 45) On-scene safety of EMS providers is the responsibility of: 45) _____
- A) Law enforcement
 - B) The patient's family
 - C) All crew members
 - D) The triage officer
- 46) Which of the following best describes the purpose of modern emergency medical services (EMS) systems? 46) _____
- A) To have trained personnel to the patient as quickly as possible to provide emergency care on the scene, during transport, and at the hospital
 - B) To have trained personnel understand the limitations of their training and "do no harm"
 - C) To have trained personnel knowledgeable in all aspects of emergency medical care
 - D) To have trained personnel capable of assessing and caring for injured and ill patients on the scene
- 47) Which of the following should you do when reaching for something? 47) _____
- A) Avoid twisting
 - B) Keep your back in a locked-in position
 - C) Avoid reaching more than 15 to 20 inches in front of your body
 - D) All of the above
- 48) Which of the following is NOT a role of the emergency medical dispatcher? 48) _____
- A) Providing instructions for emergency care to callers
 - B) Providing patient care instructions to EMS personnel on the scene
 - C) Determining the location of the patient
 - D) Dispatching appropriate resources to the scene

- 49) Another term for the frontal aspect of the body is: 49) _____
 A) Caudal B) Posterior C) Anterior D) Dorsal
- 50) Which of the following situations is the EMT NOT likely to report to law enforcement? 50) _____
 A) You suspect the wife of the patient you are treating for chest pain has been smoking marijuana
 B) Your patient has facial and head injuries and states that her husband beat her with a telephone receiver
 C) Your patient is a college student who says she was drugged and raped at a fraternity party
 D) Your patient was accidentally shot when her teenage son was cleaning a hunting rifle
- 51) The pressure remaining in the arteries after the pulse wave has passed through is the: 51) _____
 A) Diastolic blood pressure B) Venous pressure
 C) Systolic blood pressure D) Resting blood pressure
- 52) Ethical action by the EMT is best described by which of the following statements? 52) _____
 A) Only providing patient care while on-duty
 B) Consider the patient's needs above your own
 C) Compliance with all applicable laws
 D) Reliance on religious beliefs to make patient care decisions
- 53) Which of the following structures closes over the trachea to protect it during swallowing? 53) _____
 A) Epiglottis B) Diaphragm
 C) Pharynx D) Cricoid cartilage
- 54) The cardiac muscle receives its supply of oxygenated blood by which of the following mechanisms? 54) _____
 A) Absorption of oxygen from the blood returning from the lungs
 B) Coronary veins that branch off the pulmonary vein as it returns oxygenated blood to the heart
 C) Coronary arteries that branch off the aorta
 D) None of the above
- 55) Which of the following is used to immobilize a patient with a suspected spinal injury? 55) _____
 A) Basket stretcher B) Scoop stretcher
 C) Long backboard D) Portable stretcher
- 56) Another name for the shoulder blade is the: 56) _____
 A) Scapula B) Pharynx C) Clavicle D) Patella
- 57) Which of the following is NOT part of assessing the pupils? 57) _____
 A) Equality B) Reactivity to light
 C) Eye color D) Size
- 58) Which of the following best describes a communication system capable of identifying the number and location of the phone from which a caller is calling? 58) _____
 A) Data display 9-1-1 B) Priority dispatch 9-1-1
 C) Advanced 9-1-1 D) Enhanced 9-1-1

- 59) When placing all fingers and the palm in contact with the object being lifted, you are using which of the following? 59) _____
 A) Power grip B) Power lift
 C) Lock grip D) All of the above
- 60) The National Standard Curriculum for EMT-Basic training programs is developed by the United States Department of: 60) _____
 A) Homeland Security B) Interior
 C) Emergency Medical Services D) Transportation
- 61) Which of the following is NOT a positive way of dealing with stress? 61) _____
 A) Keeping as busy as possible
 B) Planning time for relaxing activities
 C) Reducing consumption of caffeine and alcohol
 D) Physical exercise
- 62) Which of the following is NOT a responsibility of the EMT-B? 62) _____
 A) Transfer of care B) Reading EKGs
 C) Lifting and moving patients D) Scene safety
- 63) Which of the following types of blood vessel allows the exchange of substances between the blood and the cells of the body? 63) _____
 A) Arterioles B) Capillaries C) Alveoli D) Venules
- 64) With regard to anatomical locations, which of the following is NOT true? 64) _____
 A) The mouth is proximal to the nose
 B) The umbilicus is located on the ventral aspect of the body
 C) The ears are located on the lateral aspect of the head
 D) The foot is distal to the knee
- 65) Which of the following serves as a gateway for hospital services? 65) _____
 A) Surgical services department B) Emergency medical dispatch center
 C) Emergency department D) Emergency medical services system
- 66) Which of the following is NOT correct when performing a log-roll? 66) _____
 A) Lean forward from the hips B) Keep your back straight
 C) Roll the patient away from you D) Use your shoulder muscles
- 67) Which of the following actions would NOT be considered acting as the patient's advocate? 67) _____
 A) Complying with a request not to report abuse as a cause of injuries
 B) Arranging for a neighbor to watch the patient's home
 C) Reporting drugs found in the patient's home to hospital staff
 D) Getting an extra blanket for a patient who feels cold
- 68) Which of the following is NOT an EMS system component as defined by the National Highway Traffic Safety Administration (NHTSA)? 68) _____
 A) Public information and education B) Regulation and policy
 C) Safety and security of EMS personnel D) Facilities

- 69) Which of the following is NOT considered a vital sign? 69) _____
 A) Skin color B) Respiration C) Gastric motility D) Pulse
- 70) Which of the following best describes the Trendelenburg position? 70) _____
 A) Semi-sitting
 B) Lying on the side with the legs drawn up and the arms clasped around them
 C) Lying on the side
 D) Lying on the back with head lower than the legs
- 71) Which of the following is a positive form of stress that helps people work when under pressure and respond effectively? 71) _____
 A) Prostress B) Eustress C) Distress D) Unstress
- 72) The EMT-B should reassess the vital signs of an unstable patient every _____ minutes. 72) _____
 A) 15 B) 5 C) 2 D) 10
- 73) The outermost layer of the skin is the: 73) _____
 A) Epidermis B) Adipose tissue
 C) Subcutaneous tissue D) Dermis
- 74) Which of the following actions is NOT permitted by an advance directive? 74) _____
 A) Refusal to allow long-term life support measures, such as a ventilator or feeding tube
 B) Providing only comfort measures, such as pain medication
 C) Withholding CPR if cardiac arrest is not witnessed
 D) Assisted suicide
- 75) Which of the following behaviors would demonstrate that an EMT understands reactions to death and dying? 75) _____
 A) Being firm with grieving family members and telling them they need to accept what has happened
 B) Providing spiritual guidance to patients who express anger at God
 C) Being tolerant of angry reactions by patients and family members
 D) Giving a dying patient hope that a cure can be found before the patient dies
- 76) Which of the following is NOT considered a personality trait needed by an EMT? 76) _____
 A) Able to communicate with others B) Ability to listen to others
 C) Ability to dominate the patient D) In control of personal habits
- 77) You are assessing a 55-year-old male complaining of chest pain and have determined that his radial pulse is barely palpable. You also determine that there were 20 pulsations over 30 seconds. Based on this, how would you report this patient's pulse? 77) _____
 A) Pulse 20 and weak B) Pulse 20, weak, and regular
 C) Pulse 40, weak, and irregular D) Pulse 40 and weak
- 78) Which of the following structures does NOT form part of the thorax? 78) _____
 A) Sternum B) Ribs
 C) Ischium D) The 8th through 19th vertebrae

- 79) An artery is a blood vessel that: 79) _____
 A) Only returns blood to the heart B) Only carries blood away from the heart
 C) Only carries deoxygenated blood D) Only carries oxygenated blood
- 80) For a patient without a possibility of spinal injury, which of the following carries should be used to move him from a bed to a stretcher? 80) _____
 A) Extremity carry B) Extremity lift
 C) Direct carry D) Direct ground lift
- 81) Which of the following is acceptable for use by the EMT to reduce the potential for injury due to violence? 81) _____
 A) A small caliber handgun B) Body armor
 C) A baton or night-stick D) Handcuffs
- 82) When an EMT-Basic turns over his patient to hospital personnel, this is called: 82) _____
 A) Transfer of care B) Breach of duty C) End of tour D) Definitive care
- 83) Which of the following is another name for the squat-lift position? 83) _____
 A) Power lift B) Olympic lift
 C) Weight lifter technique D) Power grip
- 84) Which one of the following factors should be considered prior to lifting any patient? 84) _____
 A) The weight of the patient B) Communications
 C) Your physical limitations D) All of the above
- 85) If the EMT is in doubt as to whether a patient in cardiac arrest should be resuscitated, which of the following is the best decision? 85) _____
 A) Begin resuscitative measures
 B) Consult with the patient's physician
 C) Withhold resuscitative measures
 D) Have the patient's family put their wishes in writing
- 86) Centralized coordination of emergency medical access, transportation and care is called: 86) _____
 A) Resource management B) A trauma system
 C) Central deployment D) An emergency preparedness plan
- 87) In which of the following locations is the femoral pulse palpated? 87) _____
 A) Behind the knee
 B) The medial side of the upper arm
 C) At the groin
 D) On the medial side of the ankle, posterior to the tibia
- 88) Which of the following is the correct position of an EMT-B's feet when lifting? 88) _____
 A) Two feet apart B) Shoulder width apart
 C) As close together as possible D) As wide as possible
- 89) The three "Rs" of reacting to danger include all of the following EXCEPT: 89) _____
 A) Recover B) Radio C) Re-evaluate D) Retreat

- 90) Which of the following requires training, policies, and procedures related to storing, accessing and sharing patient information? 90) _____
 A) EMTALA B) Scope of practice
 C) HIPAA D) COBRA
- 91) When using the Power Lift, which of the following body mechanics is NOT correct? 91) _____
 A) Your back should be locked in
 B) Raise your lower body prior to your upper body
 C) Keep the weight primarily on the balls of your feet
 D) Raise your upper body prior to your lower body
- 92) You are treating a patient who has a productive cough and who reports weight loss, loss of appetite, weakness, night sweats, and fever. Which of the following diseases is most likely the cause of these signs and symptoms? 92) _____
 A) Tuberculosis B) AIDS C) Hepatitis B D) Pneumonia
- 93) Which of the following devices should be used to carry a patient down stairs whenever possible? 93) _____
 A) Scoop stretcher B) Wheeled ambulance stretcher
 C) Stair chair D) Basket stretcher
- 94) The elbow is _____ to the wrist. 94) _____
 A) medial B) inferior C) proximal D) dorsal
- 95) At which of the following locations could you palpate a malleolus? 95) _____
 A) Elbow B) Ankle C) Spinal column D) Wrist
- 96) Which of the following situations best illustrates the act of abandonment by the EMT? 96) _____
 A) An EMT who is off-duty sees a motor vehicle collision with probable injuries but does not stop to help
 B) The EMT resuscitates a patient who has a DNR order signed by his physician
 C) An EMT transports a patient to the emergency department and has the patient wait in the waiting room, but does not tell anyone the patient is there
 D) An EMT begins care of a patient, then turns the patient over to a paramedic
- 97) If capillary refill is assessed, how long should it take for the normal pink color to return to the nail bed? 97) _____
 A) 2 seconds B) 10 seconds C) 4 seconds D) 15 seconds
- 98) Which of the following is NOT a role of the EMT-Basic in the quality improvement process? 98) _____
 A) Maintaining patient care equipment
 B) Writing complete patient care reports
 C) Responsibility for the actions of one's partner
 D) Critiquing one's performance after each call
- 99) Your patient has a rapid, regular, and thready pulse. Which of the following is a possible cause of this finding? 99) _____
 A) Shock B) Exertion C) Head injury D) Fright

- 100) You are on the scene of an unresponsive woman who smells of alcohol and has been beaten. As you begin treatment, a man identifying himself as the woman's husband tells you to get out of his house or he's going to beat you up. Which of the following should be your immediate course of action? 100) _____
- A) Shield the woman with your body and have your partner call for help
 - B) Try to "talk the man down" as you continue your treatment of the patient
 - C) Leave the house and call for help
 - D) Get the woman out of the house as quickly as possible
- 101) The large, wing-shaped bone on either side of the pelvis is called the: 101) _____
- A) Acetabulum
 - B) Ischium
 - C) Pubis
 - D) Ilium
- 102) Prehospital and emergency in-hospital care together are collectively called the: 102) _____
- A) Public health system
 - B) Community wellness program
 - C) Emergency medical services system
 - D) Health care system
- 103) Which of the following terms best describes the actions EMTs take to help stabilize a patient with an injury or illness? 103) _____
- A) Patient assessment
 - B) Patient care
 - C) Definitive care
 - D) Focused assessment
- 104) Which of the following best describes Post-Traumatic Stress Disorder? 104) _____
- A) A chronic stress reaction
 - B) A psychological stress reaction
 - C) An acute stress reaction
 - D) A delayed stress reaction
- 105) The bone on the thumb side of the forearm is the: 105) _____
- A) Fibula
 - B) Radius
 - C) Acromion
 - D) Ulna
- 106) The release of harmful substances into the environment is called a/an _____ incident. 106) _____
- A) infectious agent
 - B) hazardous materials
 - C) spillage
 - D) poisonous substance
- 107) The P in SAMPLE refers to which of the following? 107) _____
- A) Pupil reaction
 - B) Patient's name
 - C) Physical complaints
 - D) Past medical history
- 108) Of the following, who is the person who assumes the ultimate responsibility for patient care? 108) _____
- A) Director of quality assurance
 - B) EMS supervisor
 - C) EMS provider
 - D) Medical director
- 109) Which of the following situations would require the use of an emergency move? 109) _____
- A) The scene is hazardous
 - B) You must reach other, more critically injured patients
 - C) A patient with a life-threatening condition requires repositioning
 - D) All of the above
- 110) Which of the following moves should be used for a patient who has been entrapped in wreckage for a long period of time but has now been freed? 110) _____
- A) Emergency move
 - B) Urgent move
 - C) Elective move
 - D) Non-urgent move

- 122) When covering a patient's mouth and nose with a mask of any kind, which of the following is the primary risk? 122) _____
 A) Upsetting the patient
 B) Obstructing the airway
 C) Interfering with the patient's circulation
 D) Interfering with the ability to communicate with the patient
- 123) Which of the following statements regarding body mechanics is true? 123) _____
 A) Use your legs to lift
 B) Twist your torso while lifting
 C) Use your back to lift
 D) Position your feet close together
- 124) Providing unwanted care and transport to a patient may result in a claim against the EMT-B of which of the following? 124) _____
 A) Negligence
 B) Battery
 C) Breach of duty
 D) Abandonment
- 125) Which of the following best describes the Trendelenburg position? 125) _____
 A) Feet elevated 8 to 12 inches above the head
 B) Patient is lying flat
 C) Patient's knees are bent with the feet flat on the stretcher
 D) Head elevated 8 to 12 inches above the feet
- 126) During an emergency move, which of the following techniques should be used, whenever possible, to minimize the possibility of further aggravating a possible spinal injury? 126) _____
 A) Pull the patient from the feet, not the shoulders
 B) Move the patient sideways, alternating moving the shoulders, then the hips
 C) Move the patient in the direction of the long axis of the body
 D) Roll the patient over
- 127) Which of the following terms is used to mean a person who has committed a crime? 127) _____
 A) Penetrator
 B) Prosecutor
 C) Persecutor
 D) Perpetrator
- 128) You respond to a high school football field on a hot, humid day to find a 16 year old male complaining of dizziness and weakness after playing football for an hour or so. What would you expect his vital signs to be? 128) _____
 A) Slow pulse, low blood pressure, and cool, dry skin
 B) Normal pulse, blood pressure and skin
 C) Rapid pulse, low blood pressure, and sweaty skin
 D) Rapid pulse, high blood pressure, and hot, dry skin
- 129) Which of the following is the form of stress that can cause immediate and long-term problems with an EMT-B's health and well-being? 129) _____
 A) Distress
 B) Megastress
 C) Eustress
 D) Hyperstress
- 130) Which of the following situations does NOT require the use of protective gloves? 130) _____
 A) Arterial bleeding
 B) Caring for a patient with multiple injuries
 C) Childbirth
 D) Caring for an AIDS patient

- 131) The level of EMS training that emphasizes activation of the EMS system and providing immediate care for life-threatening problems is: 131) _____
 A) EMT-Basic B) First responder
 C) First aid D) Cardiac care responder
- 132) Organisms that cause infection are called: 132) _____
 A) Carcinogens B) Pathogens C) Organelles D) Antibodies
- 133) A medical identification tag or card such as a Medic Alert bracelet can give you information about which of the following? 133) _____
 A) Patient's medical conditions B) Patient's medications
 C) Patient's allergies D) All of the above
- 134) Which of the following is NOT true concerning hepatitis B? 134) _____
 A) It is cured by taking antibiotics B) It can be fatal
 C) An effective vaccine is available D) It is an acquired infectious disease
- 135) The abbreviation mmHg indicates that the blood pressure is measured by which of the following comparisons? 135) _____
 A) minimum heart rate B) atmospheric pressure
 C) millimeters of water D) millimeters of mercury
- 136) The method of taking blood pressure by using a stethoscope to listen to the characteristic sounds produced is called: 136) _____
 A) Pulsation B) Auscultation C) Articulation D) Palpation
- 137) Which of the following structures best describes the makeup of the torso? 137) _____
 A) Thorax, abdomen, pelvis, lower extremities
 B) Head, neck, thorax, abdomen
 C) Thorax and abdomen
 D) Region from the nipple-line to the navel
- 138) "Cognitive ability" refers to one's ability to: 138) _____
 A) Think and solve problems B) Control one's emotions
 C) Intuitively know what is going to happen D) Adapt to stress
- 139) Which of the following is NOT a common sign or symptom of stress? 139) _____
 A) Loss of interest in enjoyable hobbies and activities
 B) Inability to concentrate
 C) Irritability with friends, family, co-workers or patients
 D) Increase in risk-taking behavior such as gambling or dangerous sports
- 140) All of the following words can be used to sum up the actions required to respond to danger EXCEPT: 140) _____
 A) Observe B) React C) Treat D) Plan

- 141) Which of the methods listed below is best described as moving a patient from the floor to a stretcher by having two or more rescuers kneel, curl the patient to their chests, stand, and then reverse the process to place the patient on the stretcher? 141) _____
 A) Direct carry B) Power lift
 C) Draw sheet method D) Direct ground lift
- 142) Sharing a patient's medical history with a person not involved in his care without written legal authorization by the patient to do so is considered: 142) _____
 A) Negligence B) Slander
 C) A breach of confidentiality D) Libel
- 143) Which of the following best describes the purpose of CISD? 143) _____
 A) Bringing to the public's attention the stressful roles of public safety personnel
 B) Reducing psychological trauma
 C) Identifying individuals who are not emotionally capable of handling EMS roles and responsibilities
 D) Re-enacting the call to confront stressors
- 144) To check the distal pulse of a patient with an injury to the forearm, the EMT would check which of the following pulses? 144) _____
 A) Carotid B) Radial C) Brachial D) Axillary
- 145) Which of the following agencies is responsible for establishing EMS system assessment programs? 145) _____
 A) Department of Health and Human Services (DHHS)
 B) National Transportation Safety Board (NTSB)
 C) United States Health Services Agency (HSA)
 D) National Highway Traffic Safety Administration (NHTSA)
- 146) Which of the following is the EMT's primary responsibility at a crime scene? 146) _____
 A) Preservation of evidence
 B) His or her own safety
 C) Taking notes that may be needed later during court testimony
 D) Identifying any potential suspects encountered at the scene
- 147) The strongest and most muscular part of the heart is the: 147) _____
 A) Left atrium B) Right ventricle C) Right atrium D) Left ventricle
- 148) When the heart contracts and forces blood into the arteries, the pressure created is known as the _____. 148) _____
 A) diastolic blood pressure B) central venous pressure
 C) pulse pressure D) systolic blood pressure
- 149) Which of the following best describes the means of infection that occurs when a patient's breathing, coughing, or sneezing sprays tiny droplets of liquid? 149) _____
 A) Airborne B) Direct contact C) Bloodborne D) Fomite

- 150) Which of the following is the first responsibility of the EMT-Basic? 150) _____
 A) Communicate with first responders on the scene
 B) Protect and stabilize the patient
 C) Provide emergency care
 D) Maintain his own health and safety
- 151) A family member who keeps pleading with a deceased loved one to "wake up" is experiencing which reaction to death and dying? 151) _____
 A) Rejection B) Projection C) Denial D) Anger
- 152) Which of the following is a federal act that mandates a procedure by which emergency health care providers can find out if they have been exposed to potentially life-threatening diseases while on the job? 152) _____
 A) The Occupational Exposure to Bloodborne Pathogens Act
 B) The Ryan White Comprehensive AIDS Resource Emergency Act
 C) The Communicable Disease Notification Act
 D) The EMS Personnel Health Protection Act of 1991
- 153) A loss of red blood cells due to hemorrhage results in which of the following conditions of immediate concern to the EMT? 153) _____
 A) Decreased oxygen delivery to the tissues B) Decrease in pulse rate
 C) Decreased production of carbon dioxide D) Decreased ability to fight infection
- 154) In which of the following situations should an EMT withhold resuscitative measures from a patient in cardiac arrest? 154) _____
 A) The EMT's religious beliefs permit withholding resuscitation
 B) Family members request that nothing be done
 C) Patient's care giver presents a DNR order signed by the physician
 D) All of the above
- 155) Which of the following organs secretes insulin? 155) _____
 A) Spleen B) Gallbladder C) Pancreas D) Liver
- 156) Which of the following describes the midline of the body? 156) _____
 A) An imaginary line dividing the body into a front and a back portion
 B) An imaginary line dividing the body into equal right and left halves
 C) The intersection of two imaginary lines crossing at the umbilicus
 D) An imaginary line dividing the body into a top and bottom portion
- 157) A list of steps to be performed in patient assessment and management in different situations is called: 157) _____
 A) Protocols B) Standing orders
 C) Standard operating procedures D) On-line medical direction
- 158) Which of the following are goals of lifting and moving patients? 158) _____
 A) Safety of the patient B) Speed
 C) Safety of the EMS provider D) All of the above
- 159) The lower jaw bone is known as the: 159) _____
 A) Zygoma B) Maxilla C) Mandible D) Manubrium

- 160) Which of the following titles is professionally equivalent to the level of EMT-Basic? 160) _____
 A) Ambulance technician B) Physician assistant
 C) Ambulance driver D) None of the above
- 161) The person who speaks up on behalf of the patient and supports his cause is called a patient: 161) _____
 A) Assistant B) Advocate C) Representative D) Guardian
- 162) Which of the following best describes the proper placement of the blood pressure cuff? 162) _____
 A) Covering the patient's elbow B) Midway between the elbow and shoulder
 C) One inch below the armpit D) One inch above the crease of the elbow
- 163) Which of the following may be used to mean "a program for evaluating and improving the effectiveness of an EMS system"? 163) _____
 A) System effectiveness management B) Quality assurance
 C) Quality improvement D) Total quality management
- 164) Which of the following groups is at greatest risk of contracting and transmitting tuberculosis? 164) _____
 A) IV drug abusers
 B) Anyone with another communicable disease
 C) Cattle farmers
 D) Those with suppressed immune systems
- 165) You have been dispatched on a call for a "man down" with reported gunshot wounds. As you arrive, you see several agitated bystanders looking at a man lying in the alleyway. The bystanders are screaming to you, "Help him, he's bleeding to death, help him!" Which of the following is the best course of action? 165) _____
 A) Ask the bystanders if the shooter is still on the scene
 B) Call for law enforcement and immediately put the patient in the back of the ambulance for treatment on the scene
 C) Call for law enforcement and wait in the ambulance, away from the scene
 D) Tell the bystanders to move back and give you room to work
- 166) At the scene of an emergency medical response, which of the following individuals is responsible for control of the scene? 166) _____
 A) Civil defense officer B) Trained bystander
 C) EMT-Basic D) Police officer
- 167) How far apart should your hands be when using a power grip? 167) _____
 A) 24 inches B) 12 inches C) 10 inches D) 15 inches
- 168) The set of regulations that defines the legal actions expected of and limitations placed on the EMT-B is the EMT-B's: 168) _____
 A) Licensing requirements B) Legal duty
 C) Scope of practice D) Professional responsibility
- 169) Slight movement of the chest during respiration is usually indicative of which of the following? 169) _____
 A) Labored breathing B) Shallow breathing
 C) Normal breathing D) Noisy breathing

- 170) Which of the following are the components of the central nervous system? 170) _____
 A) Spinal cord and motor nerves B) Spinal cord and sensory nerves
 C) Brain and autonomic nerves D) Brain and spinal cord
- 171) The Trendelenburg position would be used to transport which of the following patients? 171) _____
 A) A patient in shock
 B) A patient with a head injury
 C) A patient having difficulty breathing
 D) A patient having difficulty maintaining his airway
- 172) The modern emergency medical services (EMS) system has been developed to provide: 172) _____
 A) Safe emergency transportation B) Prehospital care
 C) Prompt emergency response D) Trained medical personnel
- 173) Which one of the following is NOT an element of the SAMPLE history? 173) _____
 A) Last meal B) Allergies
 C) Personal physician D) Medications
- 174) For which of the following types of patients should a stair chair NOT be used? 174) _____
 A) A patient found lying in bed B) A patient who is nauseated
 C) A patient with difficulty breathing D) A patient with a suspected spinal injury
- 175) Which of the following best describes the purpose of a quality improvement program in emergency medical services? 175) _____
 A) Identify problem employees and create a corrective action plan for them
 B) Identify problems and develop a plan to prevent their recurrence
 C) Guarantee that the public receives quality emergency medical care
 D) Ensure that individuals making false calls for EMS are prosecuted
- 176) Which of the following is the best way to assess a patient's skin temperature? 176) _____
 A) Place your cheek against the patient's abdomen
 B) Place the back of your hand against the patient's abdomen
 C) Place your cheek against the patient's forehead
 D) Place the back of your hand against the patient's forehead
- 177) Which of the following is another name for a cot or litter? 177) _____
 A) Stair chair B) Reeve's stretcher
 C) Wheeled ambulance stretcher D) Scoop stretcher
- 178) Which of the following is NOT part of the lower extremity? 178) _____
 A) Femur B) Carpal bones C) Pelvis D) Patella
- 179) Learning about changes in EMS practices, new research, or gaining more advanced knowledge are examples of: 179) _____
 A) Refresher education B) Requalification requirements
 C) Continuing education D) Employee orientation

- 192) The E in SAMPLE refers to which of the following? 192) _____
 A) Events leading to injury or illness B) External signs of illness
 C) Estimated time of onset of symptoms D) Efforts made to treat the problem
- 193) The pressure against the walls of the blood vessels as blood is ejected from the heart and circulates through the body is the _____ blood pressure. 193) _____
 A) mean arterial B) diastolic C) systolic D) central venous
- 194) In a conscious adult patient, which of the following pulses should be assessed initially? 194) _____
 A) Brachial B) Carotid C) Radial D) Pedal
- 195) Which of the following is a common sign/symptom of stress? 195) _____
 A) Fever unexplained by physical illness
 B) Seeking social activities for distraction
 C) Loss of appetite
 D) Increase in sexual activity, often with multiple partners
- 196) Which of the following is NOT a physical trait necessary for performing the duties of an EMT? 196) _____
 A) Giving and receiving written instructions B) Color vision
 C) Able to lift and carry 150 pounds D) Giving and receiving verbal instructions
- 197) Which of the following describes Fowler's position? 197) _____
 A) Lying flat on the back B) Sitting up with the legs straight
 C) Lying on the stomach D) Lying on the side
- 198) Which of the following has ultimate responsibility for the patient care aspects of an EMS system? 198) _____
 A) Ambulance service director B) Legal counsel
 C) Medical director D) EMS battalion chief
- 199) Of the following, which is the lowest priority of the EMT at the scene of a hazardous materials incident? 199) _____
 A) Recognizing potential problems
 B) Personal safety
 C) Safety of others
 D) Assessment and treatment of the ill and injured
- 200) Deoxygenated blood is carried to the lungs by the: 200) _____
 A) Aorta B) Vena cava
 C) Pulmonary arteries D) Pulmonary veins
- 201) The wrist is made up of several small bones called: 201) _____
 A) Metatarsals B) Metacarpals C) Tarsals D) Carpals
- 202) Which of the following is NOT a way to safeguard your well-being as an EMT-B? 202) _____
 A) Protecting the patient from harm
 B) Taking body substance isolation (BSI) precautions
 C) Ensuring scene safety
 D) Understanding and dealing with stress

- 203) The inside of a person's thigh is also known as its _____ aspect. 203) _____
 A) medial B) axillary C) lateral D) inferior
- 204) Shock-Trauma Technician and Cardiac Technician represent which level of care in some states? 204) _____
 A) EMT-Paramedic B) EMT-Basic
 C) EMT-Intermediate D) First Responder
- 205) Which of the following best describes the location of the mid-axillary line? 205) _____
 A) A line drawn vertically from the xiphoid process to the pubic bone
 B) A line drawn horizontally from one armpit to the other, across the front of the body
 C) A line drawn diagonally from the outer end of the clavicle to the navel
 D) A line from the center of the armpit, extending vertically down the side of the chest
- 206) What is the normal response of the pupils when exposed to bright light? 206) _____
 A) Fluttering
 B) Constriction
 C) Light does not affect the size of the pupils
 D) Dilation
- 207) The term "burnout" is also known as a _____ stress reaction. 207) _____
 A) post-traumatic B) cumulative C) habitual D) delayed
- 208) Which of the following best describes the normal size of the pupils under normal lighting conditions? 208) _____
 A) Pinpoint B) Dilated C) Midpoint D) Constricted
- 209) When moving an object across the floor, which of the following is the best technique? 209) _____
 A) Standing behind the object and pushing it in front of you
 B) Place your back against the object and push backwards with your legs to move the object
 C) Face the object and walk backward, pulling it toward you
 D) Face away from the object and walk forward, pulling it behind you
- 210) A subjective feeling that cannot be observed, but which the patient feels, is described as which of the following? 210) _____
 A) A symptom B) Unreliable information
 C) A sign D) A chief complaint
- 211) Any situation that triggers a strong emotional response is called a _____ incident. 211) _____
 A) critical B) burnout C) momentous D) clinical
- 212) Which of the following options best defines the term "hypertrophy"? 212) _____
 A) Loss of function B) Overproduction of hormones
 C) Enlargement D) Encasement in a fibrous membrane
- 213) You have responded to a nursing home and find an elderly patient in his bed in cardiac arrest. Which type of move would you perform to get the patient to a hard surface so you can perform chest compressions? 213) _____
 A) Emergency move B) Clothing drag
 C) Firefighter's carry D) Urgent move

- 214) Another name for the eye socket is the: 214) _____
 A) Orbit B) Odontoid process
 C) Zygomatic arch D) Parietal bone
- 215) Which of the following is a critical hormone in the body's ability to adapt to and cope with stress? 215) _____
 A) Cortisol B) Epinephrine C) Testosterone D) Adrenalin
- 216) The National Registry of Emergency Medical Technicians was founded to establish which of the following? 216) _____
 A) Professional standards for emergency medical services personnel
 B) Safety guidelines for the protection of EMS personnel
 C) Specifications for emergency ambulance design
 D) Quality oversight of emergency medical services practices
- 217) Which of the following is NOT considered a sign of illness? 217) _____
 A) Sweaty skin B) Chest pain
 C) Rapid respirations D) Rapid pulse
- 218) You have responded to a multiple casualty incident involving an overturned bus. Patients have been thrown around the interior of the bus and several are piled on top of each other. What type of move would you perform to gain access to the most critically injured patients? 218) _____
 A) Extremity drag B) Non-urgent move
 C) Emergency move D) Urgent move
- 219) Which of the following statements concerning tuberculosis is NOT true? 219) _____
 A) TB can be spread without direct patient contact
 B) TB is always a disease of the lungs
 C) Vaccination against TB is not commonly available
 D) TB is spread through the airborne route
- 220) Which of the following is NOT a physiologic effect of the "Stress Triad" as described by the psychologist Hans Selye? 220) _____
 A) Bleeding gastric ulcers B) Amnesia for stressful events
 C) Atrophy of the lymph nodes D) Hypertrophy of the adrenal glands
- 221) Which of the following terms is best defined as "a state of physical and/or psychological arousal to a stimulus"? 221) _____
 A) Distress B) Stress C) Pathology D) Homeostasis
- 222) Which of the following structures receives deoxygenated blood from the body via the vena cavae? 222) _____
 A) Right atrium B) Left ventricle C) Left atrium D) Right ventricle
- 223) The abdominal regions created by drawing 2 imaginary lines intersecting at the navel are referred to as the abdominal: 223) _____
 A) Sextants B) Regions C) Quadrants D) Planes

- 224) Which of the following is the primary reason for changing gloves between contact with one patient and the next? 224) _____
- A) To avoid destroying evidence
 - B) To minimize the possibility of latex allergy
 - C) To properly account for the items charged to each patient's account
 - D) To prevent spreading infection to the next patient
- 225) When pupils are dilated they are: 225) _____
- A) Irregularly shaped
 - B) Elliptical or elongated in shape
 - C) Larger than normal
 - D) Smaller than normal
- 226) An EMT or other person authorized by a physician to administer medications acts as the _____ agent of the physician. 226) _____
- A) designated
 - B) personal
 - C) certified
 - D) authorized
- 227) Which of the following information may be important to law enforcement officers investigating a crime scene? 227) _____
- A) What you touched at the scene
 - B) How you gained access to the scene
 - C) What the patient may have said to you
 - D) All of the above
- 228) In which of the following situations is it NOT legal to share information about treatment you provided to a patient? 228) _____
- A) You are ordered to testify in a court of law
 - B) The patient signs a release of information form
 - C) The triage nurse at the emergency department asks about the care you provided to the patient
 - D) The patient's lawyer requests the information over the phone
- 229) A written authorization for an EMS provider to perform a particular skill in a specific situation is a/an: 229) _____
- A) Direct medical order
 - B) Standing order
 - C) Standard of care
 - D) On-line protocol
- 230) When taking blood pressure, the cuff should be inflated to what point? 230) _____
- A) Until the Velcro starts to crackle
 - B) 20 to 30 mmHg beyond the point where the pulse disappears
 - C) Until the patient says it hurts
 - D) Until the gauge reads 200 mmHg
- 231) Which of the following constituents makes up over half of the volume of blood in the body? 231) _____
- A) White corpuscles
 - B) Plasma
 - C) Platelets
 - D) Red blood cells
- 232) Which of the following is NOT required to prove a claim of negligence against an EMT? 232) _____
- A) The EMT had a duty to act
 - B) The patient was in fear of bodily harm at the time of the incident
 - C) The patient suffered harm as a result of what the EMT did or did not do
 - D) The EMT failed to act according to the standard of care

- 233) Which one of the following is NOT a term the EMT-B would use to describe the sound of a patient's breathing? 233) _____
 A) Gurgling B) Snoring
 C) Huffing and puffing D) Wheezing
- 234) You respond to a child care center for a report of an injured 4 year old. Upon assessing her pulse you find it to be 130 beats per minute. Which of the following best describes this finding? 234) _____
 A) Bradycardic
 B) Tachycardic
 C) Unable to determine without knowing the family history
 D) Normal for the child's age
- 235) Which of the following options best describes the term "atrophy"? 235) _____
 A) Listlessness and lack of emotion B) Hives that occur as a result of stress
 C) Discoloration of the tissues D) Wasting of a tissue or organ
- 236) You respond to a nursing home to find an elderly patient with a pulse of 100, blood pressure of 100/60, a respiratory rate of 12, and cool, pale skin. Which of the following describes this set of vital signs? 236) _____
 A) They are normal
 B) The patient is stable and will not require additional vital signs during transport
 C) They will serve as a basis of comparison for later vital signs
 D) They indicate the patient is critically ill
- 237) Which of the following is NOT essential to maintaining high quality EMS care? 237) _____
 A) EMS program medical director B) EMS education and training program
 C) Quality improvement program D) Advanced life support program
- 238) Your patient is a 10-year-old boy who suffered a possible fractured arm while rollerblading at a friend's house. Which of the following is the best way to obtain consent for treatment? 238) _____
 A) Get consent from the patient's 15-year-old sister, who is at the scene
 B) Call the patient's mother at work
 C) Act on implied consent
 D) Allow the patient to consent as an emancipated minor
- 239) Which of the following structures conducts food from the mouth to the stomach? 239) _____
 A) Vena cava B) Trachea C) Duodenum D) Esophagus
- 240) The pulse palpated on the top of the foot is called the _____ pulse. 240) _____
 A) phalynx proximalis B) suprametatarsal
 C) tibialis posterior D) dorsalis pedis
- 241) A NIOSH-approved HEPA or N-95 respirator is recommended when caring for a patient with which of the following? 241) _____
 A) Vomiting and diarrhea B) AIDS
 C) A common cold D) Tuberculosis

- 242) Which of the following descriptions best describes the term "pathogen"? 242) _____
 A) A medication taken after exposure to an infectious disease
 B) An organism that causes infection
 C) A helpful organism found in the body that helps promote healing
 D) A substance that helps the body fight infection
- 243) Which of the following is the minimum level of certification required of ambulance personnel in most areas? 243) _____
 A) First Responder
 B) EMT-Basic
 C) EMT-Intermediate
 D) Emergency Ambulance Driver
- 244) Which of the following body systems produces hormones? 244) _____
 A) Gastrointestinal
 B) Endocrine
 C) Exocrine
 D) Cardiovascular
- 245) Which of the following does NOT help the EMT minimize the chance of being named in a lawsuit? 245) _____
 A) Providing quality care
 B) Documentation of findings and interventions
 C) Not exceeding the scope of practice
 D) Malpractice insurance
- 246) Physician oversight of patient care in the EMS system is called: 246) _____
 A) Human resources management
 B) Medical direction
 C) System administration
 D) Incident command
- 247) At what point should the vital signs and SAMPLE history be obtained? 247) _____
 A) During the primary survey
 B) During the scene size up
 C) During the initial assessment
 D) During the focused history and physical exam
- 248) A patient with bilateral femur fractures would have which of the following? 248) _____
 A) Two fractures in the same femur
 B) A femur fracture occurring with little or no trauma
 C) A femur fracture in which the bone ends have punctured the muscle and skin of the thigh
 D) Fractures of both femurs
- 249) Which of the following is NOT a term used to describe skin condition when assessing vital signs? 249) _____
 A) Moist
 B) Hairy
 C) Clammy
 D) Dry
- 250) Vital signs should be reassessed every _____ minutes for a stable patient. 250) _____
 A) 5
 B) 20
 C) 15
 D) 10
- 251) An EMT-B's authority to provide medical care is granted by which of the following? 251) _____
 A) An extension of the medical director's license to practice medicine
 B) State EMS certification board or agency
 C) The US Department of Transportation
 D) The National Registry of EMTs

- 252) Which of the following organs functions as a reservoir for blood that can be used in case of blood loss? 252) _____
 A) Spleen B) Thyroid gland C) Lungs D) Heart
- 253) Which of the following is NOT generally considered to be a stressor in the job of EMS personnel? 253) _____
 A) Rainy weather B) Dealing with people in crisis
 C) Varied workload D) Verbally abusive bystander
- 254) Where should you position the weight of the object being lifted? 254) _____
 A) An arm's length away from the body B) As close to the body as possible
 C) Below your waist D) As far from the body as possible
- 255) Another term to describe measures taken for body substance isolation precautions is: 255) _____
 A) Acquired immunity B) Biohazardous material protection
 C) Personal protective equipment D) Infection control
- 256) Which urgent move should be performed for a patient seated in a vehicle? 256) _____
 A) Rapid takeout B) Rapid extrication
 C) Rapid takedown D) Rapid immobilization
- 257) You respond to a cafeteria to find an unconscious person with gurgling sounds upon exhalation and inhalation. What is the probable cause of the respiratory sounds? 257) _____
 A) The tongue is blocking the airway B) A complete airway obstruction
 C) Cardiac arrest D) Fluids in the airway