**Human Body**

From Brady’s First Responder (8th Edition)

79 Questions

[1.](mailto:rfquestion@disisit.com?subject=RESPOND8.102) Which system is responsible for removing water and carbon  
dioxide from the cells?  
p. 66

A.) Respiratory  
B.) Digestive  
C.) Skin  
\*D.) Circulatory

[2.](mailto:rfquestion@disisit.com?subject=RESPOND8.63) What should be done if unprotected hands come into contact  
with dried blood?  
p. 46

A.) Document it in the report  
B.) Don protective gloves  
\*C.) Wash with soap and water  
D.) Go to the local hospital

[3.](mailto:rfquestion@disisit.com?subject=RESPOND8.50) Which stage does the patient often reach before the  
family?  
p. 39

A.) Anger  
B.) Denial  
\*C.) Acceptance  
D.) Bargaining

[4.](mailto:rfquestion@disisit.com?subject=RESPOND8.54) Which are considered some of the most stressful that EMS  
providers are required to handle?  
p. 41

A.) Violence  
B.) Death  
C.) Multiple-casualty  
\*D.) Pediatric

[5.](mailto:rfquestion@disisit.com?subject=RESPOND8.64) What should be worn in addition to the gloves when a  
patient is coughing or sneezing?  
p. 46

A.) Gown and eye protection  
B.) Mask, gown and eye protection  
C.) Mask and gown  
\*D.) Mask and eye protection

[6.](mailto:rfquestion@disisit.com?subject=RESPOND8.106) Which body system change that occurs with aging can result  
in an increased likelihood of falls?  
p. 67

A.) Integumentary  
B.) Immune  
\*C.) Neurological  
D.) Cardiovascular

[7.](mailto:rfquestion@disisit.com?subject=RESPOND8.60) Which of the following should be increased when developing  
more positive dietary habits?  
p. 44

\*A.) Carbohydrates  
B.) Fats  
C.) Triglycerides  
D.) Oils

[8.](mailto:rfquestion@disisit.com?subject=RESPOND8.100) What is being checked when palpating the soft areas to the  
rear of the abdomen on each side?  
p. 65

A.) Liver  
B.) Spleen  
\*C.) Kidneys  
D.) Gallbladder

[9.](mailto:rfquestion@disisit.com?subject=RESPOND8.103) Approximately what percentage of all falls will result in  
at least one fractured bone in the elderly population?  
p. 66

A.) 46%  
B.) 19%  
\*C.) 33%  
D.) 27%

[10.](mailto:rfquestion@disisit.com?subject=RESPOND8.76) How many cases of Emergency Medical Responders contracting  
Hepatitis B while using protective equipment are on   
record?  
p. 52

A.) Seven  
B.) Five  
C.) Ten  
\*D.) Zero

[11.](mailto:rfquestion@disisit.com?subject=RESPOND8.104) Which system serves the purpose of removing chemical  
wastes from the blood?  
p. 66

\*A.) Urinary  
B.) Digestive  
C.) Respiratory  
D.) Circulatory

[12.](mailto:rfquestion@disisit.com?subject=RESPOND8.52) Which of the following should NOT be done when dealing  
with a terminally ill patient?  
p. 40

A.) Preserve his dignity and sense of control  
B.) Try to respond to his choices about how to handle the  
situation  
\*C.) Speak to family members about the patient in front of him  
D.) Allow the patient to talk to you about his feelings

[13.](mailto:rfquestion@disisit.com?subject=RESPOND8.56) Which of the following is NOT a sign of burnout?  
p. 42

A.) Mistrust  
B.) Frustration  
C.) Isolation  
\*D.) Dishonesty

[14.](mailto:rfquestion@disisit.com?subject=RESPOND8.107) Which of the following is more common due to  
thermoregulatory changes that occur with aging?  
p. 67

A.) Tears and sores  
\*B.) Environmental emergencies  
C.) Slower healing  
D.) Fractures

[15.](mailto:rfquestion@disisit.com?subject=RESPOND8.87) Which are the two most commonly used points of reference?  
p. 61

A.) Neck and shoulder joint  
\*B.) Shoulder joint and hip joint  
C.) Hip joint and knee joint  
D.) Shoulder joint and knee joint

[16.](mailto:rfquestion@disisit.com?subject=RESPOND8.72) Which is contracted more easily through respiratory  
droplets?  
p. 51

A.) Tuberculosis  
B.) Hepatitis  
C.) HIV  
\*D.) Meningitis

[17.](mailto:rfquestion@disisit.com?subject=RESPOND8.81) Which term refers to the front of the body?  
p. 61

A.) Medial   
B.) Lateral  
C.) Posterior  
\*D.) Anterior

[18.](mailto:rfquestion@disisit.com?subject=RESPOND8.105) Which system includes the skin, nails and hair?  
p. 66

A.) Immune  
B.) Musculoskeletal  
\*C.) Integumentary  
D.) Circulatory

[19.](mailto:rfquestion@disisit.com?subject=RESPOND8.69) Which of the following can survive on clothing, newspaper  
or other objects?  
p. 49

A.) HIV  
B.) Meningitis  
\*C.) Hepatitis  
D.) Tuberculosis

[20.](mailto:rfquestion@disisit.com?subject=RESPOND8.120) Which is NOT a part of the axial skeleton?  
p. 74

A.) Vertebrae  
\*B.) Shoulder girdle  
C.) Rib cage  
D.) Skull

[21.](mailto:rfquestion@disisit.com?subject=RESPOND8.75) Which has been established as a seasonal epidemic in North  
America that flares up in the summer and continues into   
the fall?  
p. 52

\*A.) West Nile  
B.) MSRA  
C.) SARS  
D.) Avian flu

[22.](mailto:rfquestion@disisit.com?subject=RESPOND8.83) What is anything toward the midline called?  
p. 61

A.) Posterior  
B.) Anterior  
\*C.) Medial  
D.) Lateral

[23.](mailto:rfquestion@disisit.com?subject=RESPOND8.80) What resource can help Emergency Medical Rescuers identify  
markings on placards?  
p. 54

A.) Hazardous Materials Catalogue  
B.) DOT Payload Identification  
C.) Driver Training Manual  
\*D.) Emergency Response Guidebook

[24.](mailto:rfquestion@disisit.com?subject=RESPOND8.127) What is the membrane that lines the sac surrounding the  
heart?  
p. 78

\*A.) Pericardium  
B.) Visceral layer  
C.) Peritoneum  
D.) Parietal layer

[25.](mailto:rfquestion@disisit.com?subject=RESPOND8.98) Which organ is in each quadrant of the abdomen?  
p. 65

A.) Spleen  
\*B.) Large intestine  
C.) Appendix  
D.) Liver

[26.](mailto:rfquestion@disisit.com?subject=RESPOND8.77) Which of the following is NOT a consideration taken when  
deciding where to position the vehicle?  
p. 53

A.) Continued traffic flow  
B.) Access to equipment  
\*C.) Distance to the command post  
D.) Efficient loading of the patient

[27.](mailto:rfquestion@disisit.com?subject=RESPOND8.108) How many finger widths up from the notch will help you  
locate the inferior border of the heart?  
p. 68

A.) Four  
B.) One  
C.) Three  
\*D.) Two

[28.](mailto:rfquestion@disisit.com?subject=RESPOND8.51) Which statement is NOT correct when dealing with a  
terminally ill patient?  
p. 40

A.) Recognize patient needs  
B.) Be tolerant of anger  
C.) Offer comfort  
\*D.) Give him reassurance

[29.](mailto:rfquestion@disisit.com?subject=RESPOND8.92) What is the thoracic cavity enclosed by?  
p. 64

A.) Pelvis  
B.) Skull  
C.) Spinal cord  
\*D.) Rib cage

[30.](mailto:rfquestion@disisit.com?subject=RESPOND8.113) Which part of the heart receives blood from the body and  
sends it to the lungs?  
p. 72

A.) Left side  
B.) Top side  
C.) Bottom side  
\*D.) Right side

[31.](mailto:rfquestion@disisit.com?subject=RESPOND8.65) Which infectious disease kills more health-care workers  
than any other?  
p. 47

\*A.) Hepatitis  
B.) Tuberculosis  
C.) Meningitis  
D.) HIV

[32.](mailto:rfquestion@disisit.com?subject=RESPOND8.112) Which brings blood from the lung to the heart?  
p. 71

A.) Valve  
\*B.) Vein  
C.) Artery  
D.) Ventricle

[33.](mailto:rfquestion@disisit.com?subject=RESPOND8.55) What are the factors that cause wear and tear on the  
body's physical or mental resources?  
p. 42

A.) Environments  
B.) Catalysts  
C.) Burnouts  
\*D.) Stressors

[34.](mailto:rfquestion@disisit.com?subject=RESPOND8.73) What is used to treat a patient with meningitis?  
p. 51

A.) Antifungals  
B.) Antibacterials  
C.) Anticoagulates  
\*D.) Antibiotics

[35.](mailto:rfquestion@disisit.com?subject=RESPOND8.97) Which quadrant of the abdomen contains most of the liver,  
the gallbladder and part of the small and large intestine?  
p. 65

A.) Right lower  
\*B.) Right upper  
C.) Left lower  
D.) Left upper

[36.](mailto:rfquestion@disisit.com?subject=RESPOND8.99) Which pelvic organ in a woman is assigned to both lower  
abdominal quadrants?  
p. 65

\*A.) Urinary bladder  
B.) Colon  
C.) Uterus  
D.) Appendix

[37.](mailto:rfquestion@disisit.com?subject=RESPOND8.93) What separates the chest cavity from the abdominal cavity?  
p. 64

\*A.) Diaphragm  
B.) Spleen  
C.) Kidneys  
D.) Liver

[38.](mailto:rfquestion@disisit.com?subject=RESPOND8.124) Which affects the heart and digestive tract?  
p. 77

A.) Sympathetic nervous system  
B.) Peripheral nervous system  
\*C.) Autonomic nervous system  
D.) Central nervous system

[39.](mailto:rfquestion@disisit.com?subject=RESPOND8.49) During which state of death will the patient become  
unwilling to communicate with others?  
p. 39

\*A.) Depression  
B.) Acceptance  
C.) Anger  
D.) Bargaining

[40.](mailto:rfquestion@disisit.com?subject=RESPOND8.114) Where does the heartbeat originate?  
p. 72

A.) Right ventricle  
B.) Right atrium  
C.) Atrioventricular node  
\*D.) Sinoatrial node

[41.](mailto:rfquestion@disisit.com?subject=RESPOND8.119) How many bones make up the adult body?  
p. 74

A.) 200  
B.) 212  
\*C.) 206  
D.) 218

[42.](mailto:rfquestion@disisit.com?subject=RESPOND8.110) Where is the spleen located?  
p. 68

A.) In front of the right side of the stomach  
B.) Behind the right side of the stomach  
C.) In front of the left side of the stomach  
\*D.) Behind the left side of the stomach

[43.](mailto:rfquestion@disisit.com?subject=RESPOND8.53) What percentage of all adults suffer adverse health  
effects from stress?  
p. 40

A.) 27%  
B.) 80%  
\*C.) 43%  
D.) 62%

[44.](mailto:rfquestion@disisit.com?subject=RESPOND8.61) Within what timeframe after a major incident will the  
critical incident stress management debriefing be held?  
p. 45

A.) 12 to 72 hours  
B.) 24 to 36 hours  
C.) 12 to 36 hours  
\*D.) 24 to 72 hours

[45.](mailto:rfquestion@disisit.com?subject=RESPOND8.67) How many pairs of gloves should be worn when working  
around broken glass or sharp metal edges?  
p. 48

A.) Three  
B.) One  
C.) Four  
\*D.) Two

[46.](mailto:rfquestion@disisit.com?subject=RESPOND8.59) What is one of the best ways to deal with stress?  
p. 44

A.) Exercise  
\*B.) Talk about it  
C.) Bottle it up  
D.) Ignore it

[47.](mailto:rfquestion@disisit.com?subject=RESPOND8.109) Which organ is located behind the liver?  
p. 68

\*A.) Gallbladder  
B.) Stomach  
C.) Pancreas  
D.) Spleen

[48.](mailto:rfquestion@disisit.com?subject=RESPOND8.96) What is the main point of reference when describing the  
abdomen?  
p. 65

A.) Breastbone  
B.) Pelvis  
\*C.) Naval  
D.) Stomach

[49.](mailto:rfquestion@disisit.com?subject=RESPOND8.58) Which of the following is an indicator of stress?  
p. 43

A.) Difficulty sleeping  
B.) Indecisiveness  
C.) Loss of appetite  
\*D.) Increase social interest

[50.](mailto:rfquestion@disisit.com?subject=RESPOND8.71) What is the first step taken when removing soiled gloves  
properly?  
p. 50

A.) Pull the glove inside out  
B.) Carefully slip the glove over the hand  
C.) Fold the gloves into each other  
\*D.) Grasp the outer cuff of the opposite glove

[51.](mailto:rfquestion@disisit.com?subject=RESPOND8.95) Which cavity houses the urinary bladder?  
p. 65

A.) Abdominal   
\*B.) Pelvic  
C.) Cranial  
D.) Thoracic

[52.](mailto:rfquestion@disisit.com?subject=RESPOND8.68) Which statement about eye protection is correct?  
p. 48

\*A.) Should protect you from the front and sides  
B.) Should protect you from the front only  
C.) Should protect you from the front, sides and top  
D.) Should protect you from the sides only

[53.](mailto:rfquestion@disisit.com?subject=RESPOND8.79) What should be done if you suspect a hazardous material is  
involved at the scene?  
p. 54

\*A.) Call in hazmat team  
B.) Be extra cautious  
C.) Work around the area in question  
D.) Identify the material

[54.](mailto:rfquestion@disisit.com?subject=RESPOND8.57) What is the reaction to cumulative stress?  
p. 43

A.) Isolation  
B.) Risk  
\*C.) Burnout  
D.) Overdraw

[55.](mailto:rfquestion@disisit.com?subject=RESPOND8.70) Which of the following has had a resurgence with new  
resistant strains of the disease?  
p. 49

A.) Meningitis  
B.) HIV  
\*C.) Tuberculosis  
D.) Hepatitis

[56.](mailto:rfquestion@disisit.com?subject=RESPOND8.89) Which term means the patient is lying face up?  
p. 61

A.) Lateral dorsal  
B.) Lateral recumbent  
C.) Prone  
\*D.) Supine

[57.](mailto:rfquestion@disisit.com?subject=RESPOND8.85) Which term means toward the feet?  
p. 61

\*A.) Inferior  
B.) Anterior  
C.) Superior  
D.) Posterior

[58.](mailto:rfquestion@disisit.com?subject=RESPOND8.94) Which is NOT in the abdominal cavity?  
p. 65

A.) Large intestine  
\*B.) Reproductive organs  
C.) Gallbladder  
D.) Stomach

[59.](mailto:rfquestion@disisit.com?subject=RESPOND8.117) What does air enter after passing through the larynx?  
p. 73

\*A.) Trachea  
B.) Bronchiole  
C.) Bronchi  
D.) Pharynx

[60.](mailto:rfquestion@disisit.com?subject=RESPOND8.115) What is the last part of the path that blood takes when it  
has been pumped away from the heart?  
p. 72

A.) Venule  
\*B.) Capillary bed  
C.) Vein  
D.) Artery

[61.](mailto:rfquestion@disisit.com?subject=RESPOND8.82) Which term refers to the back of the body?  
p. 61

A.) Lateral  
B.) Medial   
C.) Anterior  
\*D.) Posterior

[62.](mailto:rfquestion@disisit.com?subject=RESPOND8.78) What is your first responsibility at an incident scene?  
p. 54

\*A.) Personal safety  
B.) Patient care  
C.) Patient safety  
D.) Personal transport

[63.](mailto:rfquestion@disisit.com?subject=RESPOND8.88) Which term means closer to the torso?  
p. 61

A.) Distal  
B.) Lateral  
\*C.) Proximal  
D.) Medial

[64.](mailto:rfquestion@disisit.com?subject=RESPOND8.66) What are organisms such as viruses and bacteria that cause  
infection and disease?  
p. 48

A.) Substances  
B.) Isotopes  
C.) Germs  
\*D.) Pathogens

[65.](mailto:rfquestion@disisit.com?subject=RESPOND8.121) What connects muscles to the bone?  
p. 75

A.) Fascia  
B.) Ligaments  
C.) Membranes  
\*D.) Tendons

[66.](mailto:rfquestion@disisit.com?subject=RESPOND8.74) Which of the following is a bacteria that is resistant to  
certain antibiotics and contracted in hospitals?  
p. 52

A.) West Nile   
\*B.) MSRA  
C.) SARS  
D.) Avian flu

[67.](mailto:rfquestion@disisit.com?subject=RESPOND8.62) Which statement about the CISD is NOT correct?  
p. 45

\*A.) Participation is mandatory  
B.) Fears can be discussed  
C.) It is not a critique  
D.) Confidence is maintained

[68.](mailto:rfquestion@disisit.com?subject=RESPOND8.91) Which body cavity houses the brain and its specialized  
membranes?  
p. 63

A.) Thoracic  
B.) Pelvic  
C.) Abdominal  
\*D.) Cranial

[69.](mailto:rfquestion@disisit.com?subject=RESPOND8.123) Which of the following includes the brain and spinal cord?  
p. 76

\*A.) Central nervous system  
B.) Autonomic nervous system  
C.) Sympathetic nervous system  
D.) Peripheral nervous system

[70.](mailto:rfquestion@disisit.com?subject=RESPOND8.101) Where does the aorta lie?  
p. 65

A.) In front of the kidneys  
\*B.) In front of the spinal column  
C.) In the right upper quadrant  
D.) In the left lower quadrant

[71.](mailto:rfquestion@disisit.com?subject=RESPOND8.118) Where does gas exchange take place in the lungs?  
p. 73

A.) Bronchioles and capillaries in the lungs  
B.) Bronchi and bronchioles in the lungs  
\*C.) Alveoli and capillaries in the lungs  
D.) Alveoli and bronchioles in the lungs

[72.](mailto:rfquestion@disisit.com?subject=RESPOND8.128) Where does the digestive tract begin?  
p. 79

A.) Esophagus  
B.) Sphincter  
C.) Small intestine  
\*D.) Oral cavity

[73.](mailto:rfquestion@disisit.com?subject=RESPOND8.122) What percentage of the body's weight is comprised of the  
tissues of the muscular system?  
p. 75

A.) 30% to 40%  
\*B.) 40% to 50%  
C.) 50% to 60%  
D.) 20% to 30%

[74.](mailto:rfquestion@disisit.com?subject=RESPOND8.86) What is the minimum number of points that must be compared  
when stating something is superior?  
p. 61

A.) One  
B.) Four  
C.) Three  
\*D.) Two

[75.](mailto:rfquestion@disisit.com?subject=RESPOND8.90) Which part of the body is NOT usually referred to using  
the terms superior or inferior?  
p. 61

A.) Torso  
B.) Neck  
C.) Head  
\*D.) Legs

[76.](mailto:rfquestion@disisit.com?subject=RESPOND8.126) Which type of membranes line the closed body cavities?  
p. 78

A.) Mucous  
B.) Synovial  
\*C.) Serous  
D.) Cutaneous

[77.](mailto:rfquestion@disisit.com?subject=RESPOND8.111) Which is a solid organ in the body?  
p. 70

\*A.) Liver  
B.) Gallbladder  
C.) Bladder  
D.) Stomach

[78.](mailto:rfquestion@disisit.com?subject=RESPOND8.116) What do some veins have to prevent the backward flow of  
blood?  
p. 72

A.) Sphincters  
B.) Lumens  
C.) Caps  
\*D.) Valves

[79.](mailto:rfquestion@disisit.com?subject=RESPOND8.125) About how much does the skin weigh in an adult?  
p. 78

\*A.) 6 pounds (2.7 kg)  
B.) 9 pounds (4.0 kg)  
C.) 8 pounds (3.6 kg)  
D.) 7 pounds (3.1 kg)