**Human Body**

From Brady’s First Responder (8th Edition)

79 Questions

1. Which system is responsible for removing water and carbon
dioxide from the cells?
p. 66

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

2. 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. Which stage does the patient often reach before the
family?
p. 39

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

4. 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. 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. 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. Which of the following should be increased when developing
more positive dietary habits?
p. 44

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

8. 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. 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. 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. Which system serves the purpose of removing chemical
wastes from the blood?
p. 66

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

12. 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. Which of the following is NOT a sign of burnout?
p. 42

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

14. 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. 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. Which is contracted more easily through respiratory
droplets?
p. 51

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

17. Which term refers to the front of the body?
p. 61

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

18. Which system includes the skin, nails and hair?
p. 66

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

19. Which of the following can survive on clothing, newspaper
or other objects?
p. 49

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

20. Which is NOT a part of the axial skeleton?
p. 74

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

21. 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. What is anything toward the midline called?
p. 61

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

23. 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. What is the membrane that lines the sac surrounding the
heart?
p. 78

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

25. Which organ is in each quadrant of the abdomen?
p. 65

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

26. 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. 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. 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. What is the thoracic cavity enclosed by?
p. 64

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

30. 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. Which infectious disease kills more health-care workers
than any other?
p. 47

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

32. Which brings blood from the lung to the heart?
p. 71

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

33. 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. What is used to treat a patient with meningitis?
p. 51

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

35. 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. 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. What separates the chest cavity from the abdominal cavity?
p. 64

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

38. 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. 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. Where does the heartbeat originate?
p. 72

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

41. How many bones make up the adult body?
p. 74

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

42. 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. What percentage of all adults suffer adverse health
effects from stress?
p. 40

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

44. 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. 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. 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. Which organ is located behind the liver?
p. 68

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

48. What is the main point of reference when describing the
abdomen?
p. 65

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

49. 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. 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. Which cavity houses the urinary bladder?
p. 65

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

52. 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. 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. What is the reaction to cumulative stress?
p. 43

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

55. 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. Which term means the patient is lying face up?
p. 61

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

57. Which term means toward the feet?
p. 61

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

58. Which is NOT in the abdominal cavity?
p. 65

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

59. What does air enter after passing through the larynx?
p. 73

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

60. 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. Which term refers to the back of the body?
p. 61

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

62. What is your first responsibility at an incident scene?
p. 54

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

63. Which term means closer to the torso?
p. 61

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

64. What are organisms such as viruses and bacteria that cause
infection and disease?
p. 48

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

65. What connects muscles to the bone?
p. 75

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

66. 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. 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. Which body cavity houses the brain and its specialized
membranes?
p. 63

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

69. 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. 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. 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. Where does the digestive tract begin?
p. 79

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

73. 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. 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. 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. Which type of membranes line the closed body cavities?
p. 78

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

77. Which is a solid organ in the body?
p. 70

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

78. What do some veins have to prevent the backward flow of
blood?
p. 72

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

79. 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)