

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?

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- 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?

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- A.) Sphincters
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- C.) Caps
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79. About how much does the skin weigh in an adult?

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- *A.) 6 pounds (2.7 kg)
- B.) 9 pounds (4.0 kg)
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