

## PRACTICE QUIZ ANSWERS

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### Chapter 1 – Introduction to Anatomy

1. Midsagittal plane
2. Anatomical
3. Median, sagittal, and transverse

### Chapter 2 – Integumentary System

1. d
2. a. Epidermis  
b. Dermis
3. Dermal Papillae
4. Keratin
5. Hands and Feet
6. Phagocytes
7. a. Hair  
b. Glands  
c. Nails
8. b  
c  
a
9. Figure 2.1
  1. Free nerve endings
  2. Hair shaft
  3. Pore
  4. Dermal papilla
  5. Cuticle
  6. Internal sheath
  7. External sheath
  8. Glassy membrane
  9. Connective tissue
  10. Vein
  11. Sensory nerve
  12. Artery
  13. Motor nerve
  14. Sebaceous gland

15. Hair cuticle
  16. Hair matrix
  17. Papilla of hair follicle
  18. Sweat gland
  19. Arrector muscle
  20. Reticular layer
  21. Stratum basale
  22. Stratum spinosum
  23. Stratum granulosum
  24. Stratum lucidum
  25. Stratum corneum
  26. Pacinian corpuscle
  27. Meissner's corpuscle
10. Figure 2.2
    1. Dead hair
    2. New hair
    3. Hair bulb
    4. Dermis
    5. Hair follicle
    6. Epidermis
    7. Hair shaft
  11. Figure 2.3
    1. Free edge
    2. Nail body
    3. Lunula
    4. Cuticle
    5. Nail root

### Chapter 3 – Musculoskeletal System

1. a. Protection  
b. Muscle attachment sites  
c. Blood cell production  
d. Mineral storage
2. Supportive connective tissue

- 3. Bone
- 4. Ossification
- 5.
  - a. Cuboidal
  - b. Flat
  - c. Sesamoid
  - d. Tubular
  - e. Irregular
- 6. Joint
- 7. Appendicular, Axial
- 8. Sinuses
- 9. Spine
- 10.
  - a. Cervical
  - b. Thoracic
  - c. Lumbar
- 11.
  - a. Smooth
  - b. Cardiac
  - c. Skeletal
- 12. Voluntarily muscles require conscious will to make them contract  
  
Involuntary muscles do not require conscious will to make them contract
- 13. Muscles become rigid
- 14. b
- 15. a
- 16. b
- 17. b
- 18. a
- 19. a
- 20. b
- 21. b
- 22. a
- 23. a
- 24. a
- 25. b
- 26. a
- 27. b
- 28. b
- 29. d
- 30. c
- 31. b

- 32. a
- 33. d
- 34. Figure 3.1
  - 1. Flat (Parietal)
  - 2. Short (Talus)
  - 3. Long (Femur)
  - 4. Sesamoid (Patella)
  - 5. Irregular (Sphenoid)
- 35. Figure 3.2
  - 1. Parietal bone
  - 2. Orbit
  - 3. Zygomatic bone
  - 4. Nasal Septum
  - 5. Mandible
  - 6. Hyoid bone
  - 7. Clavicle
  - 8. Coracoclavicular ligament
  - 9. Articular capsule
  - 10. Subscapularis tendon
  - 11. Body of sternum
  - 12. Xiphoid process
  - 13. Costal cartilages
  - 14. Anterior longitudinal ligament
  - 15. Ulnar collateral ligament
  - 16. Radial collateral ligament
  - 17. Annular ligament
  - 18. Iliac crest
  - 19. Anterior sacroiliac ligament
  - 20. Interosseous membrane
  - 21. Inguinal ligament
  - 22. Iliofemoral ligament
  - 23. Coccyx
  - 24. Pubic symphysis
  - 25. Femur
  - 26. Quadriceps femoris tendon
  - 27. Tibial collateral ligament
  - 28. Fibular collateral ligament
  - 29. Patellar ligament
  - 30. Tibia
  - 31. Fibula

32. Interosseous membrane
  33. Medial malleolus
  34. Lateral malleolus
  35. Tibial tuberosity
  36. Head of fibula
  37. Patella
  38. Lateral epicondyle
  39. Medial epicondyle
  40. Head of femur
  41. Greater trochanter
  42. Sacrum
  43. Anterior superior iliac spine
  44. Ulna
  45. Radius
  46. Lateral epicondyle
  47. Medial epicondyle
  48. False ribs (8-12)
  49. True ribs (1-7)
  50. Humerus
  51. Scapula
  52. Head of humerus
  53. Greater tubercle
  54. Acromion
  55. Coracoid process
  56. Manubrium of sternum
  57. Maxilla
  58. Nasal conchae
  59. Temporal bone
  60. Frontal bone
  - A. Scaphoid
  - B. Trapezium
  - C. Trapezoid
  - D. Capitate
  - E. Lunate
  - F. Pisiform
  - G. Triquetrum
  - H. Hamate
  - J. Intermediate cuneiform
  - K. Lateral cuneiform
  - L. Cuboid
  - M. Talus
  - N. Navicular
  - O. Calcaneous
  - P. Medial cuneiform
36. Figure 3.3
1. Mastoid process
  2. Mandible
  3. Clavicle
  4. Scapular notch
  5. Spine of scapula
  6. Greater tubercle
  7. Head of humerus
  8. Infraspinous fossa
  9. Humerus
  10. Medial epicondyle
  11. Lateral epicondyle
  12. Head of radius
  13. Olecranon of ulna
  14. Posterior superior iliac spine
  15. Sacrum
  16. Greater sciatic notch
  17. Head of femur
  18. Greater trochanter
  19. Medial epicondyle
  20. Lateral epicondyle
  21. Lateral condyles
  22. Head of fibula
  23. Medial condyles
  24. Tibia
  25. Fibula
  26. Medial malleolus
  27. Lateral malleolus
  28. Metatarsals
  29. Talus
  30. Calcaneus
  31. Calcaneal (Achilles) tendon
  32. Posterior talofibular ligament
  33. Posterior tibiofibular ligament
  34. Interosseous membrane
  35. Posterior cruciate ligament

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|---|---|
| <p>36. Lateral meniscus</p> <p>37. Fibular collateral ligament</p> <p>38. Anterior cruciate ligament</p> <p>39. Medial meniscus</p> <p>40. Tibial collateral ligament</p> <p>41. Phalanges</p> <p>42. Metacarpals</p> <p>43. Sacrotuberous ligament</p> <p>44. Ischiofemoral ligament</p> <p>45. Iliofemoral ligament</p> <p>46. Posterior sacroiliac ligament</p> <p>47. Ilium</p> <p>48. Ulna</p> <p>49. Radius</p> <p>50. Annular ligament</p> <p>51. Radial collateral ligament</p> <p>52. Ulnar collateral ligament</p> <p>53. Scapula</p> <p>54. Teres minor tendon</p> <p>55. Infraspinatus tendon</p> <p>56. Acromion</p> <p>57. Supraspinous fossa</p> <p>58. Axis</p> <p>59. Atlas</p> <p>60. Temporal bone</p> <p>61. Occipital bone</p> <p>62. Parietal bone</p> <p>A. Lunate</p> <p>B. Triquetrum</p> <p>C. Hamate</p> <p>D. Capitate</p> <p>E. Scaphoid</p> <p>F. Trapezium</p> <p>G. Trapezoid</p> <p>37. Figure 3.4</p> <p>1. Coracoclavicular ligament</p> <p>2. Acromioclavicular ligament</p> <p>3. Coracoacromial ligament</p> <p>4. Coracohumeral ligament</p> <p>5. Transverse humeral ligament</p> | <p>6. Long tendon of biceps</p> <p>7. Subscapularis tendon</p> <p>8. Articular capsule</p> <p>9. Articular capsule</p> <p>10. Radial collateral ligament</p> <p>11. Annular ligament</p> <p>12. Biceps tendon</p> <p>13. Interosseous membrane</p> <p>14. Radius</p> <p>15. Ulna</p> <p>16. Anterior ligament</p> <p>17. Ulnar collateral ligament</p> <p>18. Supraspinous fossa</p> <p>19. Clavicle</p> <p>20. Scapular notch</p> <p>21. Acromion</p> <p>22. Spine of scapula</p> <p>23. Greater tubercle</p> <p>24. Head of humerus</p> <p>25. Infraspinous fossa</p> <p>26. Lateral epicondyle</p> <p>27. Olecranon fossa</p> <p>28. Olecranon process</p> <p>29. Ulna</p> <p>30. Radius</p> <p>31. Medial epicondyle</p> <p>32. Humerus</p> <p>33. Olecranon of ulna</p> <p>34. Interosseous membrane</p> <p>35. Ulna</p> <p>36. Radius</p> <p>37. Annular ligament</p> <p>38. Radial collateral ligament</p> <p>39. Ulnar collateral ligament</p> <p>40. Humerus</p> <p>41. Scapula</p> <p>42. Teres minor tendon</p> <p>43. Infraspinatus tendon</p> <p>44. Acromioclavicular ligament</p> <p>45. Humerus</p> |
|---|---|

46. Medial epicondyle
  47. Trochlea
  48. Coronoid process
  49. Ulnar tuberosity
  50. Ulna
  51. Radius
  52. Radial tuberosity
  53. Head of radius
  54. Capitulum
  55. Lateral epicondyle
  56. Coronoid fossa
  57. Humerus
  58. Scapula
  59. Subscapular fossa
  60. Lesser tubercle
  61. Greater tubercle
  62. Head of humerus
  63. Acromion
  64. Coracoid process
  65. Scapular notch
  66. Clavicle
38. Figure 3.5
1. Anterior longitudinal ligament
  2. Iliolumbar ligament
  3. Anterior sacroiliac ligament
  4. Coccyx
  5. Sacrotuberous ligament
  6. Sacrospinous ligament
  7. Iliofemoral ligament
  8. Pubofemoral ligament
  9. Inguinal ligament
  10. Obturator membrane
  11. Pubic symphysis
  12. Femur
  13. Quadriceps femoris tendon
  14. Medial patellar retinaculum
  15. Fibular collateral ligament
  16. Tibial collateral ligament
  17. Lateral patellar retinaculum
  18. Patellar ligament
  19. Interosseous membrane
  20. Fibula
  21. Tibia
  22. Medial condyles
  23. Tibial tuberosity
  24. Head of fibula
  25. Lateral condyles
  26. Patella
  27. Lateral epicondyle
  28. Medial epicondyle
  29. Pubis
  30. Obturator foramen
  31. Spine of ischium
  32. Lesser trochanter
  33. Head of femur
  34. Greater trochanter
  35. Anterior inferior iliac spine
  36. Ilium
  37. Anterior superior iliac spine
  38. Iliac crest
  39. Sacrum
  40. Sacral promontory
  41. Femur
  42. Tibia
  43. Fibula
  44. Posterior cruciate ligament
  45. Lateral meniscus
  46. Fibular collateral ligament
  47. Anterior cruciate ligament
  48. Medial meniscus
  49. Tibial collateral ligament
  50. Posterior superior iliac spine
  51. Sacrum
  52. Greater sciatic notch
  53. Ischium
  54. Femur
  55. Ischiofemoral ligament
  56. Iliofemoral ligament
  57. Sacrotuberous ligament
  58. Ilium

59. Posterior sacroiliac ligament
39. Figure 3.6
1. Sphenoid bone
  2. Frontal lobe
  3. Frontal bone
  4. Nasal bone
  5. Zygomatic arch
  6. Maxilla
  7. Mandible
  8. Coronoid process
  9. Mastoid process
  10. Right cerebral hemisphere
40. Figure 3.7
1. Cervical vertebrae
  2. Thoracic vertebrae
  3. Lumbar vertebrae
  4. Sacrum
  5. Coccyx
  6. Pelvic curve
  7. L5
  8. Intervertebral foramina
  9. Lumbar curve
  10. L1
  11. T12
  12. Foveae for ribs
  13. Thoracic curve
  14. Intervertebral discs
  15. T1
  16. C7
  17. Cervical curve
  18. Axis (C2)
  19. Atlas (C1)
41. Figure 3.8
1. Fronatalis m.
  2. Zygomaticus minor m.
  3. Zygomaticus major m.
  4. Orbicularis oris m.
  5. Depressor anguli oris m.
  6. Levator scapulae m.
  7. Pectoralis minor m.
  8. Internal intercostal m.
  9. Coracobrachialis m.
  10. Brachialis m.
  11. Rectus sheath
  12. Rectus abdominus m.
  13. Linea alba
  14. Internal abdominal oblique m.
  15. Transversus abdominus m.
  16. Palmaris longus m.
  17. Flexor pollicis longus m.
  18. Flexor digitorum superficialis m.
  19. Abductor pollicis brevis m.
  20. Flexor pollicis brevis m.
  21. Abductor digiti minimi m..
  22. Iliopsoas m.
  23. Pectineus m.
  24. Adductor brevis m.
  25. Adductor magnus m.
  26. Vastus lateralis m.
  27. Vastus medialis m.
  28. Patella
  29. Patellar ligament
  30. Medial patellar retinaculum
  31. Tibia
  32. Flexor digitorum longus m.
  33. Abductor hallucis m.
  34. Extensor hallucis brevis m.
  35. Extensor hallucis longus m.
  36. Extensor digitorum longus m.
  37. Soleus m.
  38. Peronius brevis m.
  39. Peronius longus m.
  40. Gastrocnemius m.
  41. Tibialis anterior m.
  42. Lateral patellar retinaculum
  43. Gracilis m.
  44. Vastus medialis m.
  45. Iliotibial tract
  46. Vastus lateralis m.
  47. Rectus femoris m.

48. Adductor longus m.
  49. Sartorius m.
  50. Tensor fasciae latae m.
  51. Superficial inguinal ring
  52. Flexor carpi radialis m.
  53. Palmaris longus m.
  54. Extensor carpi radialis longus m.
  55. Brachioradialis m.
  56. External abdominal oblique m.
  57. Brachialis m.
  58. Biceps brachii m.
  59. Serratus anterior m.
  60. Pectoralis major m.
  61. Deltoid m.
  62. Trapezius m.
  63. Sternocleidomastoid m.
  64. Buccinator m.
  65. Masseter m.
  66. Orbicularis oculi m.
  67. Temporalis m.
42. Figure 3.9
1. Galea aponeurotica
  2. Occipitalis m.
  3. Splenius capitis m.
  4. Splenius cervicis m.
  5. Levator scapulae m.
  6. Supraspinatus m.
  7. Rhomboid minor
  8. Rhomboid major
  9. Spinalis thoracis m.
  10. Iliocostalis thoracis m.
  11. Longissimus thoracis m.
  12. Serratus posterior inferior m.
  13. External abdominal oblique m.
  14. Anconius m.
  15. Supinator m.
  16. Gluteus minimus m.
  17. Piriformis m.
  18. Superior gemellus m.
  19. Obturator internus m.
  20. Inferior gemellus m.
  21. Quadratus femoris m.
  22. Adductor magnus m.
  23. Gracilis m.
  24. Biceps femoris
  25. Semimembranosus m.
  26. Gastrocnemius m.
  27. Plantaris m.
  28. Popliteus m.
  29. Soleus m.
  30. Tibialis posterior m.
  31. Flexor digitorum longus m.
  32. Flexor hallucis longus m.
  33. Peroneus longus m.
  34. Peroneus brevis m.
  35. Calcaneal t. (Achilles)
  36. Peroneus longus m.
  37. Soleus m.
  38. Gastrocnemius m.
  39. Semimembranosus m.
  40. Semitendinosus m.
  41. Iliotibial tract
  42. Biceps femoris m.
  43. Adductor magnus m.
  44. Gluteus maximus m.
  45. Gluteus medius m.
  46. Extensor pollicis longus t.
  47. Extensor pollicis brevis m.
  48. Abductor pollicis longus m.
  49. Extensor carpi ulnaris m.
  50. Extensor carpi radialis brevis m.
  51. Extensor digitorum m.
  52. Flexor carpi ulnaris m.
  53. Extensor carpi radialis longus m.
  54. Brachioradialis m.
  55. Latissimus dorsi m.
  56. Triceps
  57. Teres major m.
  58. Teres minor m.
  59. Infraspinatus m.

60. Deltoid m
61. Trapezius m.
62. Sternocleidomastoid m.
63. Occipitotemporalis m.
64. Temporalis m.
43. Figure 3.10
  1. Extensor digitorum tt.
  2. Extensor digiti minimi m.
  3. Extensor carpi ulnaris m.
  4. Extensor retinaculum
  5. Extensor digiti minimi t.
  6. Extensor digitorum tt.
  7. 2nd, 3rd, 4th Dorsal interosseous mm.
  8. 1st Dorsal interosseous m.
  9. Extensor carpi radialis longus t.
  10. Extensor pollicis longus t.
  11. Extensor pollicis brevis t.
  12. Extensor carpi radialis brevis t.
  13. Extensor pollicis brevis m.
  14. Abductor pollicis longus m.
  15. Ulna
  16. Lunate
  17. Triquetrum
  18. Hamate
  19. Capitate
  20. Metacarpals
  21. Trapezoid
  22. Trapezium
  23. Scaphoid
  24. Radius
  25. Abductor pollicis longus m.
  26. Radius
  27. Extensor pollicis brevis t.
  28. Opponens pollicis m.
  29. Abductor pollicis brevis m.
  30. Flexor pollicis brevis m.
  31. Flexor pollicis longus t.
  32. Adductor pollicis m.
  33. Flexor digitorum profundus t.
  34. Flexor digitorum superficialis tt.

35. Deep transverse metacarpal II.
36. Lumbrical mm.
37. Opponens digiti minimi m.
38. Flexor digiti minimi brevis m.
39. Abductor digiti minimi m.
40. Flexor retinaculum
41. Antebrachial fascia
42. Ulna
43. Flexor carpi ulnaris m.
44. Flexor digitorum superficialis m.
45. Flexor pollicis longus m.

### Chapter 4 – Respiratory System

1. a. inhaling  
b. exhaling
2. CO<sub>2</sub>
3. Breathing
4. Digestive
5. Lungs
6. Windpipe
7. Cilia
8. Figure 4.1
  1. Sphenoid sinus
  2. Frontal sinus
  3. Superior concha
  4. Middle concha
  5. Middle meatus
  6. Inferior concha
  7. Hard palate
  8. Soft palate
  9. Uvula
  10. Tongue
  11. Epiglottis
  12. Thyroid cartilage
  13. Trachea
  14. Rib
  15. Intercostal muscle
  16. Heart
  17. Left lung
  18. Diaphragm

19. Right lung
  20. Pulmonary vessels
  21. Bronchioles
  22. Secondary bronchus
  23. Primary bronchus
  24. Esophagus
  25. Larynx
  26. Vocal cords
  27. Laryngopharynx
  28. Oropharynx
  29. Nasopharynx
  30. Opening of Eustachian tube
  31. Brain stem
9. Figure 4.2
    1. Nasal Bone
    2. Orbicularis oculi m.
    3. Lateral cartilage
    4. Greater alar cartilage
    5. Septal cartilage
  10. Figure 4.3
    1. Epiglottis
    2. Thyroid membrane
    3. Superior horn of thyroid cartilage
    4. Thyroid cartilage
    5. Corniculate cartilage
    6. Arytenoid cartilage
    7. Cricoid cartilage
    8. Tracheal cartilage
    9. Trachea
    10. Cricothyroid ligament
    11. Vocal fold
    12. Vestibular fold
    13. Thyrohyoid ligament
    14. Hyoid bone
  11. Figure 4.4
    1. Deoxygenated blood from the heart
    2. Bronchiole
    3. Oxygenated blood to the heart
    4. Alveolus
    5. Capillary network
  6. Oxygen diffuses from alveolus
  7. Carbon-dioxide diffuses from blood to alveolus
  12. Figure 4.5
    1. Trachea
    2. Superior lobe of left lung
    3. Lobar bronchus
    4. Inferior lobe
    5. Main bronchi
    6. Inferior lobe
    7. Middle lobe
    8. Superior lobe of right lung

### Chapter 5 – Cardiovascular System

1. d
2. c
3. a
4. b
5. Valves
6. Arterioles
7. Venules
8. Aorta
9. Coronary arteries
10. Superior and inferior vena cavae
11. Systemic veins
12. Capillaries
13. Coronary arteries
14. Figure 5.1
  1. Left subclavian artery
  2. Left brachiocephalic vein
  3. Aortic arch
  4. Ligamentum arteriosum
  5. Pulmonary trunk
  6. Left pulmonary artery
  7. Left pulmonary vein
  8. Left auricle
  9. Circumflex artery
  10. Great cardiac vein
  11. Left anterior descending artery
  12. Left ventricle
  13. Apex

14. Descending aorta
  15. Inferior vena cava
  16. Right marginal artery
  17. Small cardiac vein
  18. Right ventricle
  19. Anterior cardiac vein
  20. Right artium
  21. Right pulmonary vein
  22. Right coronary artery
  23. Right pulmonary artery
  24. Ascending aorta
  25. Superior vena cava
  26. Right brachiocephalic vein
  27. Brachiocephalic artery
  28. Left common carotid artery
  29. Aorta
  30. Left pulmonary artery
  31. Left pulmonary vein
  32. Left atrium
  33. Aortic semilunar valve
  34. Bicuspid (left AV) valve
  35. Left ventricle
  36. Interventricular septum
  37. Myocardium
  38. Trabeculae carneae
  39. Inferior vena cava
  40. Papillary muscle
  41. Right ventricle
  42. Chordae tendineae
  43. Tricuspid (right AV) valve
  44. Right atrium
  45. Right pulmonary vein
  46. Right pulmonary artery
  47. Pulmonary semilunar valve
  48. Superior vena cava
15. Figure 5.2
1. Internal jugular v.
  2. Superior vena cava
  3. Subclavian a. & v.
  4. Aortic arch
  5. Pulmonary a.
  6. Pulmonary v.
  7. Cardiac a.
  8. Hepatic v.
  9. Celiac trunk
  10. Superior mesenteric a.
  11. Left renal a. & v.
  12. Gonadal a. & v.
  13. Inferior mesenteric a.
  14. Common iliac a. & v.
  15. Internal iliac a. & v.
  16. External iliac a. & v.
  17. Femoral a. & v.
  18. Deep femoral a. & v.
  19. Saphenous v.
  20. Popliteal a.
  21. Popliteal v.
  22. Medial genicular aa.
  23. Anterior tibial a.
  24. Anterior tibial v.
  25. Peroneal a.
  26. Posterior tibial a.
  27. Posterior tibial v.
  28. Dorsalis pedis a.
  29. Dorsal venous arch
  30. Arcuate a.
  31. Lateral tarsal a.
  32. Small saphenous v.
  33. Lateral genicular aa.
  34. Descending genicular a.
  35. Superficial venous palmar arch
  36. Superficial palmar arch
  37. Deep palmar arch
  38. Medial antebrachial v.
  39. Ulnar a.
  40. Radial a.
  41. Median cubital v.
  42. Right renal a. & v.
  43. Abdominal aorta
  44. Inferior vena cava

45. Basilic v.
46. Cephalic v.
47. Brachial a.
48. Axillary a. & v.
49. Brachiocephalic v.
50. Brachiocephalic trunk
51. Common carotid a.
52. External jugular v.
53. Internal carotid a.
54. Vertebral a.

### Chapter 6 – Digestive System

1. Alimentary canal
2. Peristalsis
3. Mouth
4. Chyme
5.
  - a. Duodenum
  - b. Jejunum
  - c. Ileum
6. Bile
7. Stores bile until needed
8. Appendix
9. Colon
10. Figure 5.1
  1. Mouth
  2. Tongue
  3. Esophagus
  4. Left liver lobe
  5. Stomach
  6. Transverse colon
  7. Jejunum
  8. Descending colon
  9. Ileum
  10. Sigmoid colon
  11. Rectum
  12. Appendix
  13. Cecum
  14. Iliocecal valve
  15. Ascending colon
  16. Pancreas
17. Duodenum
18. Gall bladder
19. Right liver lobe
20. Pharynx

### Chapter 7 – Urinary System

1. Urination
2. Renal capsule
3.
  - a. Renal cortex
  - b. Renal medulla
  - c. Renal pelvis
4. Bladder
5. The female urethra is shorter
6. Figure 7.1
  1. Superior mesenteric a.
  2. Celiac trunk
  3. Adrenal gland
  4. Left kidney
  5. Renal a.
  6. Fibrous capsule
  7. Papilla
  8. Minor calyx
  9. Major calyx
  10. Cortex
  11. Renal pyramid
  12. Renal column
  13. Renal pelvis
  14. Left ureter
  15. Left common iliac a.
  16. Left common iliac v.
  17. Urethra
  18. Trigone
  19. Opening of ureter
  20. Urinary bladder
  21. Right common iliac a.
  22. Right common iliac v.
  23. Abdominal aorta
  24. Inferior mesenteric a.
  25. Right gonadal a. & v.
  26. Renal pelvis

27. Right renal aa.
  28. Right renal v.
  29. Right kidney
  30. Adrenal gland
  31. Inferior vena cava
7. Figure 7.2
1. Renal capsule
  2. Cortex
  3. Medulla
  4. Renal pyramid
  5. Renal column
  6. Minor calyx
  7. Major calyx
  8. Ureter
  9. Renal pelvis
  10. Papilla
8. Figure 7.3
1. Interlobar arteries
  2. Cortical radiate (interlobular) arteries
  3. Arcuate arteries
  4. Inferior segmental artery
  5. Uteric branch
  6. Posterior branch of renal artery
  7. Renal artery
  8. Anterior branch of renal artery
  9. Inferior suprarenal artery
  10. Anterior superior segmental artery
  11. Superior (apical) segmental artery

### Chapter 8 – Male Genital System

1. Testosterone
2. Muscular tube through which sperm travels
3. b
4. Peristalsis
5. Scrotum
6. Figure 8.1
  1. Bladder
  2. Trigone
  3. Prostate
  4. Prostatic utricle

5. Bulbourethral gland
  6. Bulb of penis
  7. Crus of penis
  8. Opening of bulbourethral gland
  9. Corpus cavernosum
  10. Deep artery of penis
  11. Corpus spongiosum
  12. Corona
  13. Glans of penis
  14. Urethral opening
  15. Penile urethra
  16. Membranous urethra
  17. Prostatic urethra
7. Figure 8.2
1. Ductus deferens
  2. Epididymis
  3. Efferent ductules
  4. Rete testes
  5. Seminiferous tubule
  6. Tunica albuginea
  7. Septum
  8. Lobule
8. Figure 8.3
1. Sigmoid colon
  2. Sacrum
  3. Rectum
  4. Anal sphincter
  5. Anus
  6. Epididymis
  7. Testis
  8. Scrotum
  9. Prepuce
  10. Urethral opening
  11. Navicular fossa
  12. Glans of penis
  13. Ductus deferens
  14. Urethra
  15. Corpus spongiosum
  16. Corpus cavernosum
  17. Urogenital diaphragm

18. Prostate gland
19. Ejaculatory duct
20. Pubic symphysis
21. Suspensory ligament
22. Seminal vesicle
23. Urinary bladder
24. Ampulla of ductus deferens
25. Peritoneum

### Chapter 9 – Female Genital System

1. Corpus luteum
2. Infundibulum
3. Fimbriae
4. Uterus
5. The vulva
6.
  - a. Estrogen
  - b. Progesterone
7. Figure 9.1
  1. Fundus of uterus
  2. Isthmus of fallopian tube
  3. Ampulla of fallopian tube
  4. Mesosalpinx
  5. Infundibulum of fallopian tube
  6. Oocyte
  7. Fimbriae of fallopian tube
  8. Corpus luteum
  9. Uterine cavity
  10. Broad ligament
  11. Body of uterus
  12. Cervical canal
  13. Cervix
  14. Vagina
  15. Uterosacral ligament
  16. Endometrium
  17. Myometrium
  18. Perimetrium
  19. Ovary
  20. Fimbriae
  21. Suspensory ligament
  22. Ovarian ligament
8. Figure 9.2
  1. Sigmoid colon
  2. Sacrum
  3. Rectouterine pouch
  4. Cervix
  5. Rectum
  6. Anal sphincter
  7. Anus
  8. Vaginal orifice
  9. Labium minus
  10. Labium majus
  11. Clitoris
  12. Vagina
  13. Urethra
  14. Urinary bladder
  15. Pubic symphysis
  16. Uterus
  17. Peritoneum
  18. Round ligament of uterus
  19. Ovary
  20. Fallopian tube
  21. Suspensory ligament

### Chapter 10 – Endocrine System

1. e
2. b
3. g
4. h
5. c
6. d
7. f
8. a

### Chapter 11 – Nervous System

1.
  - a. CNS
  - b. PNS
2.
  - a. Forebrain
  - b. Brainstem
  - c. Hindbrain
3. c
4. a

- 5. b
- 6. Spinal cord
- 7. a. Sensory  
b. Mixed
- 8. b
- 9. b  
a  
c
- 10. Figure 11.1
  - 1. Lateral cord
  - 2. Medial cord
  - 3. Posterior cord
  - 4. Musculocutaneous n.
  - 5. Ulnar n.
  - 6. Median n.
  - 7. Radial n.
  - 8. Subcostal n.
  - 9. Iliohypogastric n.
  - 10. Ilioinguinal n.
  - 11. Genitofemoral n.
  - 12. Lateral femoral cutaneous n.
  - 13. Femoral n.
  - 14. Muscular branch of Femoral n.
  - 15. Sciatic n.
  - 16. Common peroneal n.
  - 17. Deep peroneal n.
  - 18. Superficial peroneal n.
  - 19. Tibial n.
  - 20. Saphenous n.
  - 21. Pudendal n.
  - 22. Obturator n.
  - 23. Sacral plexus
  - 24. Lumbar plexus
  - 25. Intercostal nn.
  - 26. Spinal cord
  - 27. Brachial plexus
  - 28. Cervical plexus
  - 29. Brain Stem
  - 30. Cerebellum
  - 31. Cerebrum

- 32. Brain
- 11. Figure 11.2
  - 1. Olfactory bulb
  - 2. Olfactory tract (I)
  - 3. Optic chiasm
  - 4. Optic n. (II)
  - 5. Pituitary gland
  - 6. Oculomotor n. (III)
  - 7. Trochlear n. (IV)
  - 8. Trigeminal n. (V)
  - 9. Abducens n. (VI)
  - 10. Facial n. (VII)
  - 11. Vestibulocochlear n. (VIII)
  - 12. Glossopharyngeal n. (IX)
  - 13. Vagus n. (X)
  - 14. Hypoglossal n. (XII)
  - 15. Accessory n. (XI)
  - 16. Cervical n. (I)
  - 17. Medulla oblongata
  - 18. Cervical n.(II)
  - 19. Spinal cord
  - 20. Posterior inferior cerebellar a.
  - 21. Cerebellum
  - 22. Anterior spinal a.
  - 23. Anterior inferior cerebellar a.
  - 24. Vertebral a.
  - 25. Pons
  - 26. Basilar a.
  - 27. Pontine aa.
  - 28. Superior cerebellar a.
  - 29. Posterior cerebral a.
  - 30. Posterior communicating a.
  - 31. Middle cerebral a.
  - 32. Internal carotid a.
  - 33. Anterior cerebral a.
  - 34. Anterior communicating a.
  - 35. Cerebrum

**Chapter 12 – Immune System**

1. Fever
2. IgG
3. IgE
4. Mechanical

**Chapter 13 – Root Words**

1. angi(o)
2. cardi(o)
3. cyan(o)
4. derm
5. hepat(o)
6. lymph(o)
7. ot
8. psych(o)
9. rhin
10. thromb(o)
11. A
12. C
13. B
14. C
15. A

**Chapter 14 – Prefixes and Suffixes**

1. less than normal
2. bad; abnormal
3. against; opposite
4. large; great
5. many
6. half
7. across; through
8. change
9. excessive; greater than normal
10. inward
11. de-
12. pre-
13. ex-
14. in-
15. uni-
16. tachy-
17. syn-

18. pain
19. crushing
20. condition
21. breathing
22. inflammation
23. opening; forming artificial opening
24. binding
25. tumor
26. growth
27. repair (surgical)
28. surgical fixation
29. visually examining
30. lack of
31. suture
32. excision; surgical removal
34. large
35. fluid discharge

**Chapter 15 – Abbreviations**

1. D
2. I
3. E
4. J
5. F
6. A
7. G
8. B
9. H
10. C

**Chapter 16 – Terms to Know**

1. A protein manufactured by lymphocytes to neutralize an antigen or foreign protein
2. The procedure of visualizing the inside of a joint by means of an arthroscope
3. Describing an abnormal growth that will neither spread nor recur after removal
4. An injury of a part without a break in the skin and with a subcutaneous hemorrhage
5. Swelling caused by fluid accumulation in body tissues
6. Refers to the death of tissue within a certain area

## Practice Quiz Answers

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- |   |       |
|---|-------|
| 7. A deposit of fatty substances in the inner lining of the artery wall   | 14. C |
| 8. A blood clot that forms inside the blood vessel or cavity of the heart | 15. E |
| 9. Blood flow impaired by a blockage                                      | 16. B |
| 10. A feeling of dizziness or spinning                                    | 17. D |
| 11. B   | 18. B |
| 12. C   | 19. D |
| 13. A   | 20. E |