

UNIT 1: The Body as a Whole

1. Organization of the Body
2. Homeostasis
3. Chemical Basis of Life
4. Biomolecules
5. Cell Structure
6. Cell Function
7. Cell Growth & Development
8. Introduction to Tissues
9. Tissue Types

UNIT 2: Support & Movement

10. Skin
11. Skeletal Tissues
12. Axial Skeleton
13. Appendicular Skeleton
14. Articulations
15. Axial Muscles
16. Appendicular Muscles
17. Muscle Contraction

UNIT 3: Communication, Control, & Integration

18. Nervous System Cells
19. Nervous Signaling
20. Central Nervous System
21. Peripheral Nervous System
22. Autonomic Nervous System
23. General Senses
24. Special Senses
25. Endocrine Regulation
26. Endocrine Glands

UNIT 4: Transportation & Defense

27. Blood
28. Heart
29. Blood Vessels
30. Circulation of Blood
31. Lymphatic System
32. Innate Immunity
33. Adaptive Immunity
34. Stress

UNIT 5: Respiration, Nutrition & Excretion

35. Respiratory Tract

- 36. Ventilation
- 37. Gas Exchange & Transport
- 38. Upper Digestive Tract
- 39. Lower Digestive Tract
- 40. Digestion & Absorption
- 41. Nutrition & Metabolism
- 42. Urinary System
- 43. Fluid & Electrolyte Balance
- 44. Acid-Base Balance

UNIT 6: Reproduction & Development

- 45. Genital Systems
- 46. Reproduction
- 47. Growth, Development & Aging
- 48. Genetics & Heredity
- 49. Human Microbiome