**Nervous Tissue**

**Chapter 12**

1. **Cells**
2. **Neurons**
3. **Neuroglia**
4. **Universal Properties of Neurons**
5. **Excitability**
6. **Conductivity**
7. **Secretion**
8. **Functional Classes of Neurons**
9. **Sensory Neurons**
10. **Interneurons**
11. **Motor Neurons**
12. **Structure of a Neuron**
13. **Soma (Cell body)**
14. **Dendrites**
15. **Axon**
16. **Axonal Hillock**
17. **Terminal Arborization**
18. **Synaptic Knobs**
19. **Associated structures**
20. **Myelin**
21. **Neurilemma**
22. **Nodes of Ranvier**
23. **Supportive Cells (Neuroglia) and Myelin**
    * + 1. **Supportive Cells (Neuroglia)**
24. **Oligodendrocytes**
25. **Ependymal Cells**
26. **Microglia**
27. **Astrocytes**
28. **Schwann Cells**
29. **Satellite Cells**
30. **Electrophysiology of Neurons**
31. **Electrical Potentials and Currents**
32. **Resting Membrane Potentials**
33. **Local Potentials**
34. **Threshold Potentials**
35. **Action Potentials**
36. **Signal Conduction**
37. **Unmyelinated Fibers**

1. **Myelinated Fibers**
2. **Synapses**
3. **Presynaptic neuron**
4. **Synaptic cleft**
5. **Postsynaptic neuron**