

# TABLE OF CONTENTS

<b>ANATOMY</b>	.....	<b>4</b>
<b>PHYSIOLOGY</b>	.....	<b>5</b>
<b>ANATOMY AND PHYSIOLOGY</b>	.....	<b>6</b>
<b>ANATOMY AND PHYSIOLOGY COMPLEMENTARITY</b>	.....	<b>6</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>7</b>
<b>Practice Test #1 - Introduction to Anatomy and Physiology</b>	.....	<b>7</b>
<b>ORGANIZATIONAL LEVELS OF ANATOMY AND PHYSIOLOGY</b>	.....	<b>8</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>10</b>
<b>Practice Test #2 - Organizational Levels</b>	.....	<b>10</b>
<b>SYSTEMS OF THE BODY</b>	.....	<b>11</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>17</b>
<b>Practice Test #3 - Systems of the Body</b>	.....	<b>19</b>
<b>CHARACTERISTICS OF HUMAN LIFE</b>	.....	<b>20</b>
<b>Metabolism</b>	.....	<b>20</b>
<b>Growth</b>	.....	<b>21</b>
<b>Responsiveness</b>	.....	<b>23</b>
<b>Movement</b>	.....	<b>24</b>
<b>Reproduction</b>	.....	<b>25</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>27</b>
<b>Practice Test #4 - Characteristics of human life</b>	.....	<b>31</b>
<b>HOMEOSTASIS</b>	.....	<b>32</b>
<b>CONTROL MECHANISMS</b>	.....	<b>32</b>
<b>Neural Control</b>	.....	<b>32</b>
<b>Hormonal Control</b>	.....	<b>33</b>
<b>Practice Test #5 - Control Mechanisms</b>	.....	<b>39</b>
<b>FEEDBACK MECHANISMS</b>	.....	<b>40</b>
<b>Negative Feedback Mechanism</b>	.....	<b>40</b>
<b>Positive Feedback Mechanism</b>	.....	<b>41</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>42</b>
<b>Practice Test #6 - Feedback Mechanisms</b>	.....	<b>42</b>
<b>ORGANIZATION AND TERMINOLOGY</b>	.....	<b>43</b>
<b>Regional Terminology / Anatomical Terminology</b>	.....	<b>44</b>
<b>Lab Activity #1 - Regional and Anatomical Terminology</b>	.....	<b>45</b>
<b>Anatomical Structures and Regions</b>	.....	<b>48</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>52</b>
<b>Practice Test #7 - Organization and regional terminology</b>	.....	<b>56</b>
<b>DIRECTIONAL TERMINOLOGY</b>	.....	<b>57</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>63</b>
<b>Practice Test #8 - Directional Terminology</b>	.....	<b>66</b>
<b>BODY PLANES - IMAGES AND SECTIONS</b>	.....	<b>67</b>
<b>Sagittal planes</b>	.....	<b>69</b>
<b>Frontal Plane (Coronal plane)</b>	.....	<b>71</b>
<b>Transverse Plane (Horizontal plane)</b>	.....	<b>72</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>73</b>
<b>Practice Test #9 - Body Planes, Images and Sections</b>	.....	<b>75</b>
<b>BODY CAVITIES</b>	.....	<b>76</b>
<b>Dorsal Body Cavity</b>	.....	<b>77</b>
<b>Ventral Body Cavity</b>	.....	<b>78</b>
<b>Learning Outcomes Review Questions</b>	.....	<b>79</b>
<b>Practice Test #10 - Body Cavities and Membranes - Overview</b>	.....	<b>80</b>
<b>HUMAN TORSO</b>	.....	<b>81</b>
<b>Lab Activity #2 - Observation of human torso model</b>	.....	<b>81</b>

<b>THORAX AND THORACIC CAVITY</b>	<b>84</b>
Lungs - Membranes and Cavities	85
Pleural Cavities	85
Lab Activity #3 - Animal demonstration of thoracic cavity	86
Learning Outcomes Review Questions	87
Practice Test #11 - Thoracic Cavity - Lungs and Membranes	87
Heart - Membranes and Pericardial Cavity	88
Thoracic cavity: Mediastinum	89
Lab Activity #4 - Animal demonstration of heart, membranes, and pericardial cavity	89
Learning Outcomes Review Questions	90
Practice Test #12 - Heart -Membranes and Pericardial Cavity	91
<b>ABDOMINOPELVIC CAVITY</b>	<b>92</b>
Lab Activity #5 - Animal demonstration of abdominopelvic cavity and membranes	94
Learning Outcomes Review Questions	95
Practice Test #13 - Abdominopelvic Cavity	96
<b>ABDOMINOPELVIC REGIONS</b>	<b>97</b>
Central Abdominal Regions	98
Lateral Abdominal Regions	98
Learning Outcomes Review Questions	99
<b>ABDOMINOPELVIC QUADRANTS</b>	<b>100</b>
Learning Outcomes Review Questions	101
Practice Test #14 - Abdominopelvic Regions and Quadrants	101
<b>IMAGING</b>	<b>102</b>
Radiography, or x-ray	102
Ultrasound (US) imaging	103
Computerized Tomography (CT)	104
Magnetic Resonance Imaging (MRI)	104
Nuclear Medicine Imaging	105
Learning Outcomes Review Questions	106
Imaging	106
Practice Test #15 - Imaging	107
<b>COPYRIGHT AND PRODUCT DETAILS</b>	<b>108</b>