

# TABLE OF CONTENTS

## BLOOD VESSELS

<b>ARTERIES</b>	<b>5</b>
<b>ARTERIOLES</b>	<b>6</b>
Practice Test 1 - INTRODUCTION TO BLOOD VESSELS, ARTERIES, ARTERIOLES	9
<b>CAPILLARIES</b>	<b>10</b>
Learning Outcomes Review Questions	11
Practice Test 2 - Introduction to CAPILLARIES	11
<b>VENULES</b>	<b>12</b>
<b>VEINS</b>	<b>12</b>
Learning Outcomes Review Questions	13
Practice Test 3 - VENULES AND VEINS	13
<b>ARTERY AND VEIN STRUCTURE</b>	<b>14</b>
Lab Activity 1 - Artery, Vein, and Nerve; c.s., Slide Preparation	14
Learning Outcomes Review Questions	15
Practice Test 4 - ARTERY AND VEIN STRUCTURE	15
<b>STRUCTURE OF AN ARTERY</b>	<b>16</b>
Learning Outcomes Review Questions	18
<b>STRUCTURE OF A VEIN</b>	<b>19</b>
Learning Outcomes Review Questions	20
Practice Test 5 - ARTERY AND VEIN STRUCTURE WITH LAB ACTIVITY	20
Practice Test 6 - TERMINOLOGY REVIEW - BLOOD VESSELS	20
<b>VALVES</b>	<b>21</b>
Lab Activity 2 - Lymphatic Vessel, Valve, Slide Preparation	21
Learning Outcomes Review Questions	22
Practice Test 7 - VALVES	23
<b>CIRCULATION PATHWAYS</b>	<b>24</b>
Systemic Circulation - Overview	24
<b>ARTERIES</b>	<b>24</b>
Major Arterial Systemic Vessels	24
Major Arteries of the Upper Body	26
Major Arteries of the Pelvis and Lower Body	26
<b>VEINS</b>	<b>27</b>
Veins Associated with the Heart (Right Atrium)	28
Major Veins of the Head and Neck	28
Major Veins of the Upper Extremities	28
Major Veins of the Thorax	28
Major Veins of the Abdomen and Pelvis	29
Major Veins of the Lower Extremities	30
Learning Outcomes Review Questions	31
Arteries	31
VEINS	32
Practice Test 8 - CIRCULATION PATHWAYS	32
<b>SYSTEMIC BLOOD PRESSURE</b>	<b>33</b>
MEASURING BLOOD PRESSURE	33
Lab Activity 3 - Blood Pressure Measurement	34
Practice Test 9 - SYSTEMIC BLOOD PRESSURE WITH LAB ACTIVITY	35
Practice Test 10 - TERMINOLOGY REVIEW - BLOOD PRESSURE	35
<b>REGULATION OF BLOOD PRESSURE AND FLOW</b>	<b>36</b>
Cardiac Output	36
Learning Outcomes Review Questions	37
Practice Test 11 - REGULATION OF BLOOD PRESSURE AND FLOW - INTRODUCTION	37

<b>PERIPHERAL RESISTANCE</b>	<b>38</b>
<b>REGULATION OF PERIPHERAL RESISTANCE</b>	<b>39</b>
Baroreceptors	39
Vasodilation and Regulation of Cardiac Output	39
Vasoconstriction and Regulation of Cardiac Output	40
Chemoreceptors	40
Learning Outcomes Review Questions	41
Practice Test 12 - PERIPHERAL RESISTANCE	44
<b>ADDITIONAL FACTORS</b>	<b>45</b>
<b>INFLUENCING BLOOD PRESSURE</b>	<b>45</b>
Learning Outcomes Review Questions	46
Practice Test 13 - ADDITIONAL FACTORS INFLUENCING BLOOD PRESSURE	46
<b>FLUID MOVEMENT AT THE CAPILLARY</b>	<b>47</b>
Fluid Movement at the Arterial End of the Capillary	47
Fluid Movement at the Venous End of the Capillary	48
Summary of Fluid Movement at the Capillary	48
Learning Outcomes Review Questions	49
Practice Test 14 - FLUID MOVEMENT AT THE CAPILLARY	50
Practice Test 15 - TERMINOLOGY REVIEW - BLOOD CIRCULATION	50
<b>COPYRIGHT AND PRODUCT DETAILS</b>	<b>51</b>