

	PAGE
<b>SECTION V.—THE NERVOUS REGULATION OF THE HEART (EX- TRINSIC NERVOUS MECHANISM OF THE HEART)</b>	-
Action of poisons on the heart	166
Normal excitation of cardiac nervous mechanism	168
<b>SECTION VI.—THE NERVOUS REGULATION OF THE BLOODVESSELS (VASO-MOTOR NERVES)</b>	-
The chief vaso-motor nerves	173
Vaso-dilator fibres	175
Course of the vaso-motor nerves	179
Vaso-motor centres	181
Vaso-motor reflexes	182
Influence of gravity on the circulation	185
<b>SECTION VII.—THE LYMPHATIC CIRCULATION</b>	-
	192
 <b>CHAPTER IV.</b>	
<b>RESPIRATION.</b>	
<b>SECTION I.—PRELIMINARY ANATOMICAL DATA</b>	-
Physiological anatomy of the respiratory apparatus	223
Blood-supply of the lungs	223
<b>SECTION II.—MECHANICAL PHENOMENA OF EXTERNAL RESPIRA- TION</b>	-
Types of respiration	225
Artificial respiration	229
Respiratory sounds	230
Frequency of respiration	231
Vital capacity	234
The dead space	236
Intrathoracic pressure	236
Respiratory pressure	238
<b>SECTION III.—THE CHEMISTRY OF EXTERNAL RESPIRATION</b>	-
Inspired and expired air	239
Alveolar air	241
Respiratory quotient	241
Ventilation	242
The quantity of carbon dioxide given off and of oxygen absorbed	243
<b>SECTION IV.—THE GASES OF THE BLOOD</b>	-
Physical introduction	245
Quantity of the blood-gases	250
Distribution and condition of oxygen in the blood	252
Distribution and condition of carbon dioxide in the blood	255
The tension of the blood-gases	258
Mechanism of the gaseous exchange in the lungs	263