

ANATOMY AND PHYSIOLOGY TEXT and LABORATORY WORKBOOK

CHAPTER 30 INTRODUCTION TO THE RESPIRATORY SYSTEM

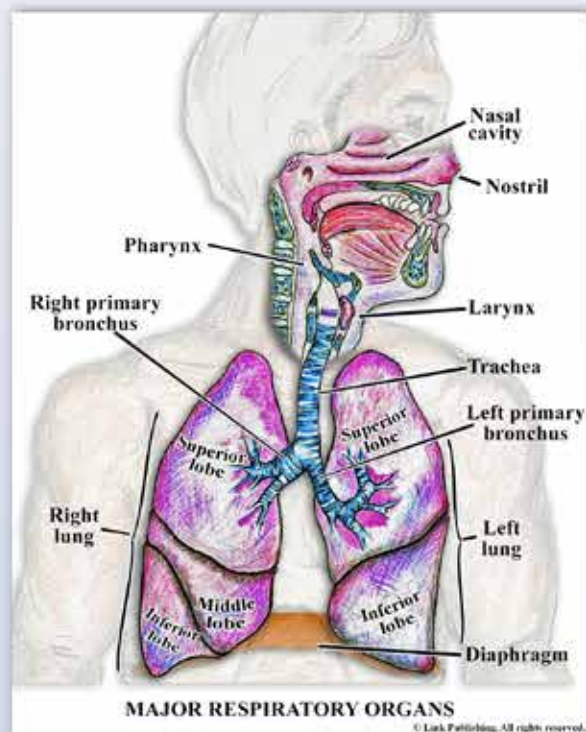


TABLE OF CONTENTS

RESPIRATORY SYSTEM

Learning Outcomes Review Questions	5
Practice Test 1 - INTRODUCTION TO THE RESPIRATORY SYSTEM	5
Lab Activity 1 - Observation of Respiratory System Model	6
NOSE	6
NASAL CAVITY	6
Learning Outcomes Review Questions	7
Practice Test 2 - NOSE AND PHARYNX	7
PHARYNX	8
Learning Outcomes Review Questions	8
Practice Test 3 - PHARYNX	8
LARYNX	9
Learning Outcomes Review Questions	9
TRACHEA	10
Lab Activity 2 - Trachea, Slide Preparation	10
Learning Outcomes Review Questions	12
Practice Test 4 - LARYNX AND TRACHEA	13
Practice Test 5 - TERMINOLOGY REVIEW NOSE, PHARYNX, LARYNX, AND TRACHEA	13
Practice Test 6 - TERMINOLOGY REVIEW CONDUCTION AND RESPIRATORY ZONES	13
LUNGS	14
Learning Outcomes Review Questions	15
Practice Test 7 - LUNGS	15
TRACHEA AND BRONCHIAL TREE	16
Lab Activity 3 - Lung, Prepared Slide	17
Lab Activity 4 - Smoker's lung (Emphysema), prepared slide	19
Learning Outcomes Review Questions	20
Practice Test 8 - TRACHEA AND BRONCHIAL TREE	22
Practice Test 9 - TERMINOLOGY REVIEW - LUNGS, BLOOD SUPPLY, AND PLEURAE	22
RESPIRATORY MEMBRANE	23
Learning Outcomes Review Questions	24
Practice Test 10 - RESPIRATORY MEMBRANE	24
PULMONARY VENTILATION	25
Normal Quiet Breathing	25
Learning Outcomes Review Questions	27
Practice Test 11 - PULMONARY VENTILATION	27
RESPIRATORY VOLUMES	28
Spirometers	28
Lab Activity 5 - Measuring Respiratory Volumes	30
Hand-Held Spirometers	30
Forced Expiratory Volume Timed (FEV _T)	32
Lab Activity 6 - Determination of one second volume percentage	33
Learning Outcomes Review Questions	34
Lab Activity 7 - Measuring Respiratory Volumes	35
Practice Test 12 - RESPIRATORY VOLUMES	36
Practice Test 13 - TERMINOLOGY REVIEW, PRESSURES AND VOLUMES	36
Practice Test 14 - TERMINOLOGY REVIEW, PULMONARY FUNCTION TESTS	36
GAS MOVEMENT AND THE RESPIRATORY MEMBRANE	37
Learning Outcomes Review Questions	39
Practice Test 15 - GAS MOVEMENT AND THE RESPIRATORY MEMBRANE	40
Practice Test 16 - TERMINOLOGY REVIEW, GAS EXCHANGE	40

TRANSPORT OF RESPIRATORY GASES	41
Oxygen Transport	41
Carbon Dioxide Transport	42
Carbon dioxide and Oxygen Transport at the Tissues	43
Carbon dioxide and Oxygen Transport at the Lungs	44
Learning Outcomes Review Questions	45
Practice Test 17 - TRANSPORT OF RESPIRATORY GASES	46
Practice Test 18 - TERMINOLOGY REVIEW, TRANSPORT OF RESPIRATORY GASES	46
MECHANISMS CONTROLLING RESPIRATION	47
Learning Outcomes Review Questions	49
Practice Test 19 - MECHANISMS CONTROLLING RESPIRATION	49
Practice Test 20 - TERMINOLOGY REVIEW, CONTROL OF RESPIRATION	49
Practice Test 21 - TERMINOLOGY REVIEW, RESPIRATORY DISEASES	49
COPYRIGHT AND PRODUCT DETAILS	50