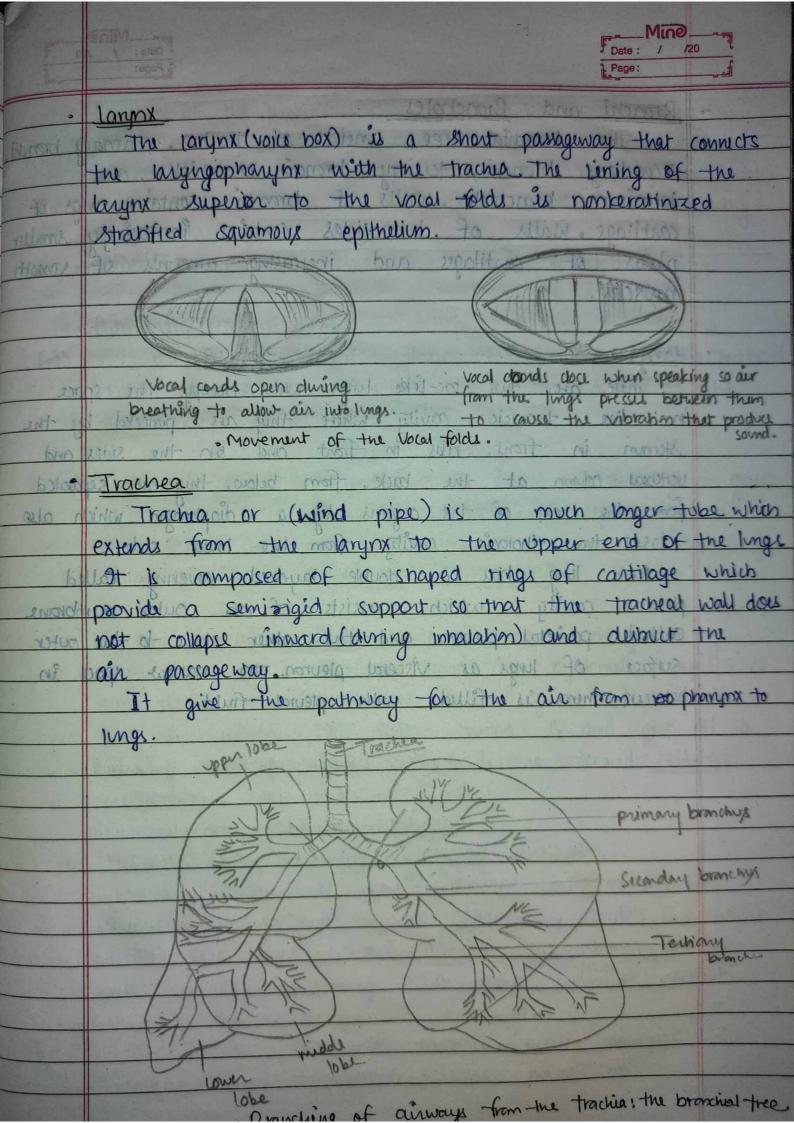
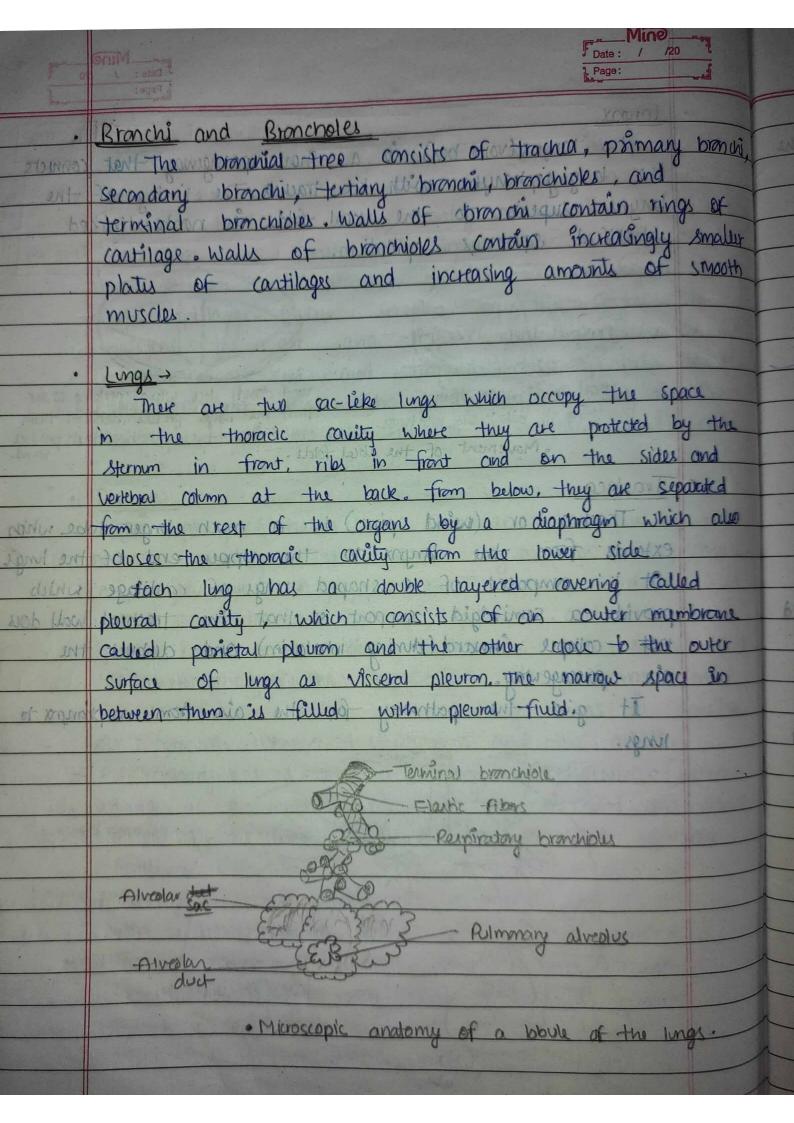


functions & how xings When the our enters into the nosmile, it passess first through the vestibule (anterior portion of the rasal cavity), which is livid by skin containing coarse naing that filter out large dust particles. As inhaled air whirs around the conchae and meatuses, it is warmed by the blood in capillaries. Mucus secreted by the gobiet cells moistens the air and traps duct particles, the chia move the mucus and trapped dust particles towards or spit out Nose also finction in offaction and speech. corpon Hoxide is reliably from the body · Phanynx The phanynx (throat) is a musular tube lined by a mucous membrane. The anotomic is regioned are nousphonyny, orophanynx, and laryngophanynx othe nasophanynx is lend with pseudostratified columnar epithelium, and the citia a in movement theorie mucus undown autowards the most ninterior part lowered of home borphanynx. The arnasophanynx mallo exchanges small amounts of air with the a auditory tubes to equilize our pressure between the phanym and the middle - Orophanynx has both respiratory and digestive functions serving has a common parageway for lair food, and drink 19 1 18 1 lenod with Monkeratinized stratified squamous epithelim. of external nave (nounty). ent at anyngophaynx or hypophaynx oftrag lamble out digestive pathway, Linidh by is the hop works minned beguarmous wepithelism. invisions emisco son out in obtaining and is speech

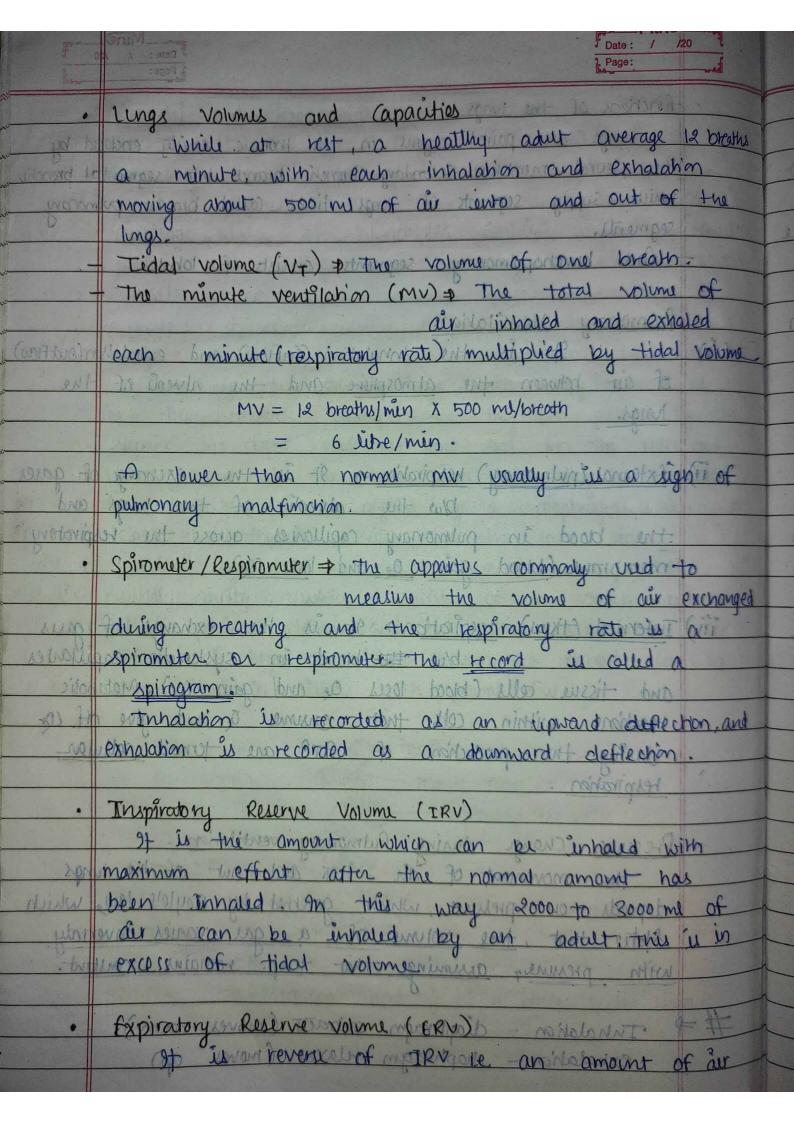




· functions of the lungs of the good to the lungs are paired organs in the thoracic cavity enclosed by the pleural membrane. Secondary branchi branch into segmental branchi, which supply segments of lungs tissue called broncho-pulmorary segments. - Pach branchopulmonary segments consists of lobules, · Pulmonary Ventilation 9 1 1 sis the inhalation (finfrow) and exhalation (out flow) of air between the atmosphere and the alveol of the Imps. - Mondly 002 X min (Antond - 21 = VM 6 libe men. to ii) External (pulmonary) respiration to 9+ in the exchange of gaves b/w the alveolit of the lungs and the blood in pulmonary capillaries across the respiratory membrane (blood gain 0, and locus (0) violence of our exchanced iii) Internal (tissue) respiration > 9th is the exchange of gain and tissue cells (blood loss De and gain coe). Metabolic the not reachions committee and collection consumer and give of co indusings the approductions of ATP are termed cellular respiration Truncation Reserve Value (ITRV) I'm Pressure Change during Pulmonary ventilation. and the movement of an entr and out of the lings depends on pressure, which governed by Royle's law, which states that, the volume of a gas varies inversely with pressure, assuming that temp, remains constant.

Tuhalahan - diaphragm combacts (moves down)

exhalation - diaphragm relaxes (moves up)



Foate: / /20 7

which can be expelled from the lings with maximum effort. This is possible because some amount of air is always left behind in the lungs after expiration. About 1000ml can be pushed mout on this way and have a record to the Residual volumest ent of bus ilgants and of As mentioned above, this is the amount of air (1000-1500m) which always remains behind in the lings after normal ex respiration. / expiration. · Vital capicity growth but provide in always to It is the sum total of all the our that can be taken in land exhaud out of the lings with maximum efforts to Dis calculated as inthe total lungs capicity but does not include the volume not residual eair. 10000 armed A distriction in this to whoster and · Trapiratory bicapiacity som of any to more entraper entitled of their sum total and tidal volume and Tolume inspiratory marteserve volume sug modions of turn de · Total lungs capacity a lady 9+ lains of the total mi amountain of air that can be upo in aled ward with maximum of efforts wand also include no other residual volume. Therefore, it varies about 11-4500-6000 me for 41 to 6 lines arute stage of bronchial disorder. · functional Residual capacity the of in the intermediation of air calculating by adding expiratory reserve volume and residual volume

F	Page:
men	Disorders of Respiratory System (2)
	Hypoxia => The word Hypoxia is formed by 'mypo'- low and 'oxia' - oxygun of us a disorder in which
	less than the required amount of oxygen is available to the alveoli and to the ticsul
-0071-0001	to the alveou and include nigh attitude, polio (neuro muscular disorders) lower than normal amount of namoglobin
-AH	which carries oxygen to the tissue as in mainua,
	and obstruction of the air passage due to some sort of growth or athma and damage to air sacs.
tolle Hot	Preumonia > 19this enta 70 more bisenious disorder not the
HOO N	the alvedi due Hobis bacteria, virus, fungal spores chemical
	like pesticidus or chemical our pollutants. A person suffering from it has to make considerable effort
	In acute condition, pus and fixed may also accumulate
	in the lings.
	Bronching this idirection impliest fourt branchial types in
	may result invotather swelling copyrathe collular
	living. Chronical branchial and authma are the aute stage of branchial disorder.
and the state of	- Harrison Couldnet consider