

Bronchopulmonary segments

They are well defined wedge shape section of lung.

They are the smallest well-defined independent Anatomical functional, surgical units of the lungs.

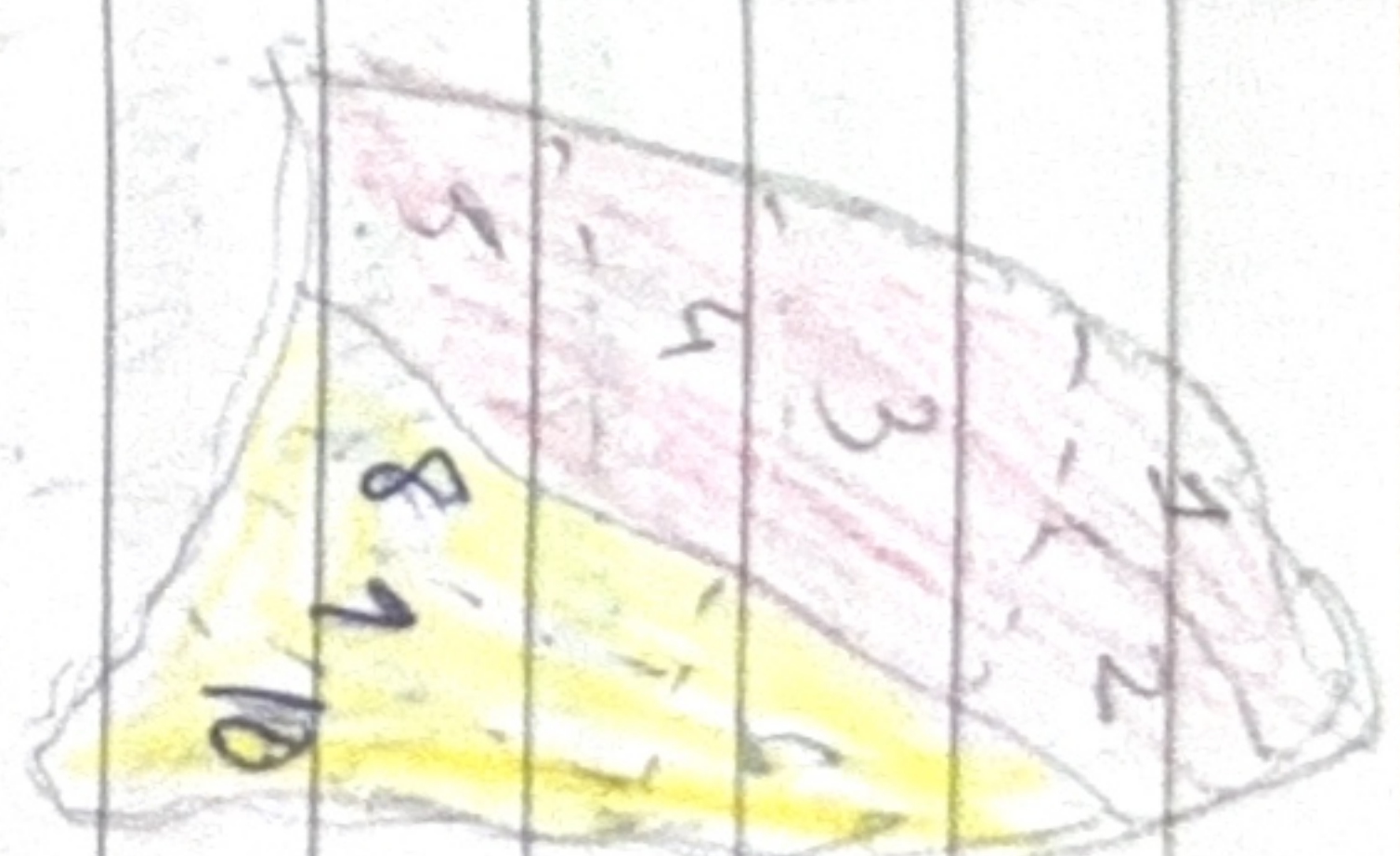
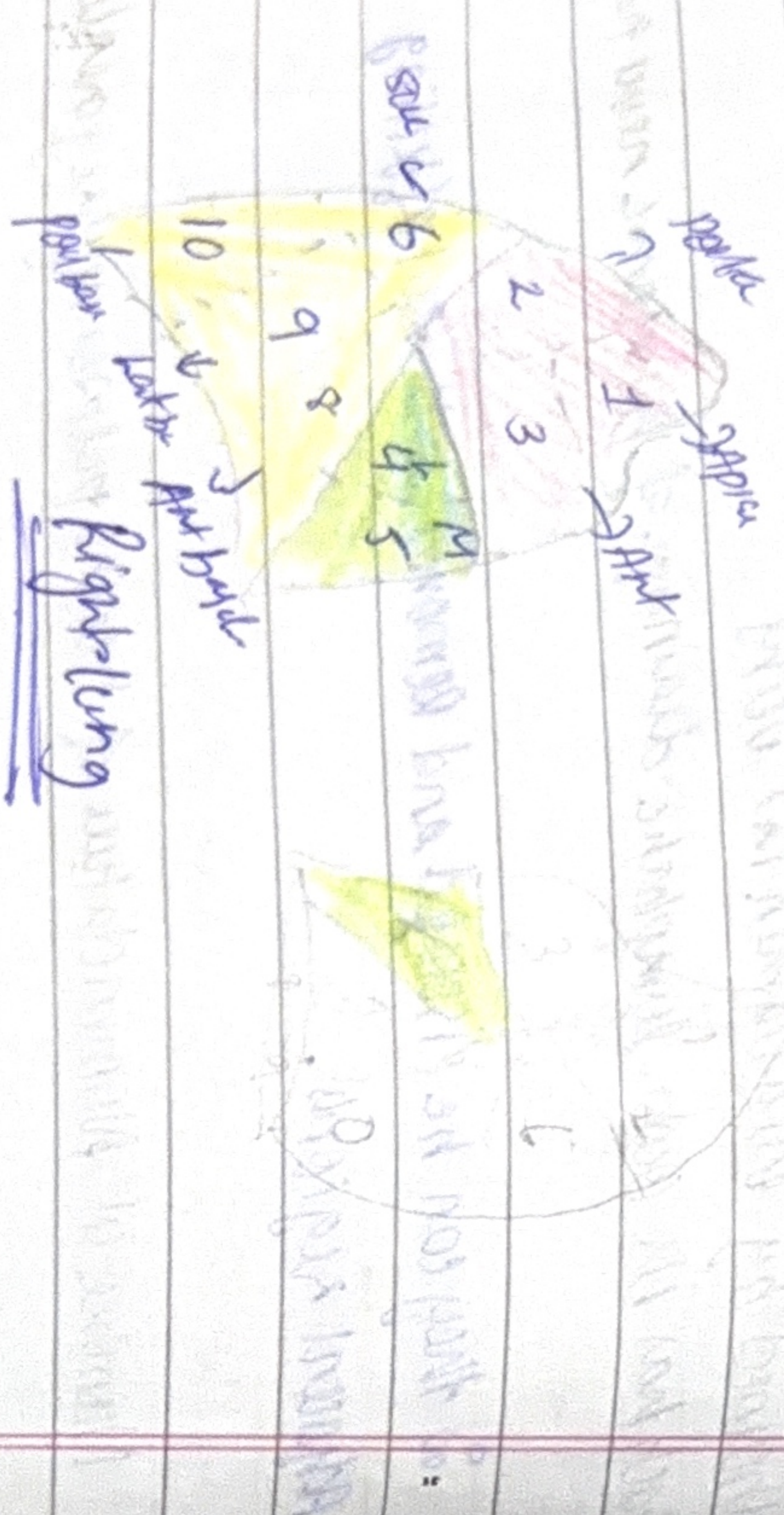
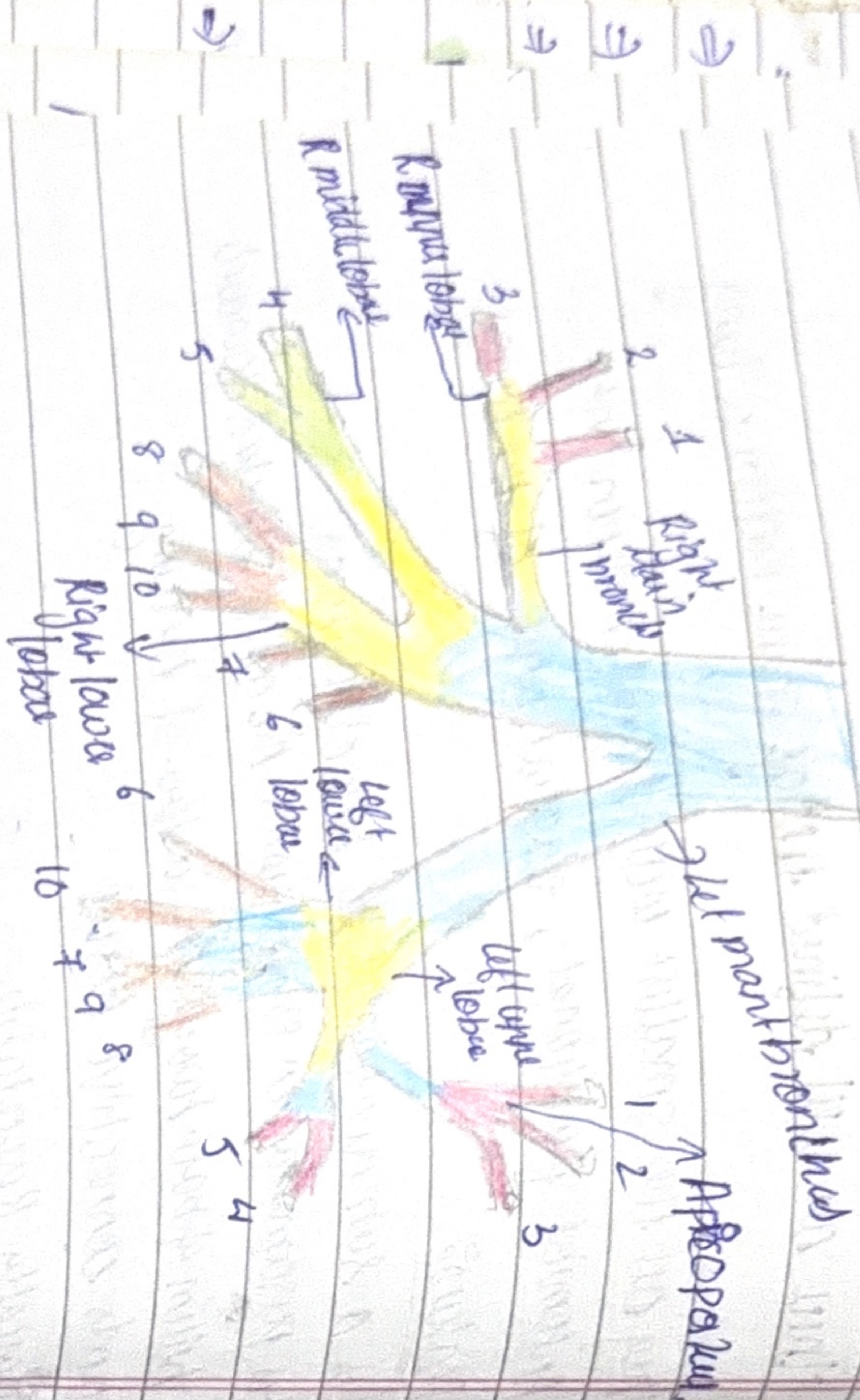
features:

- ⇒ It is a sub division of the lobe of the lung.
- ⇒ It is pyramidal in shape with the apex directed towards the hilum of base towards the surface of the lung.
- ⇒ surrounds connective tissue
- ⇒ Surgically Resectable
- ⇒ Drained by intersegmental veins
- ⇒ Each has its own lymphatic drainage & Autonomic nerve supply

∴ they can be isolated and removed without affecting adjacent regions.

⇒ Number of Nomenclature of bronchopulmonary segments.

each lung contains 10 bronchopulmonary segments



- 1 - Superior
- 2 - Posterior
- 3 - Anterior
- 4 - Superior ligula
- 5 - Inferior ligula
- 6 - Superior
- 7 - Medial
- 8 - Anterior
- 9 - Lateral
- 10 - Posterior

Clinical correlation

⇒ Segmental resection of the lung: knowledge of bronchopulmonary segment is development in lung surgery. each segment has its own duct so it is easy to dissect

⇒ Aspiration of material in suprapur-purhen.

In both lung Apical seg of base lobe is supplying & which is the higher transect to arise from the post aspect of bronchial tree.