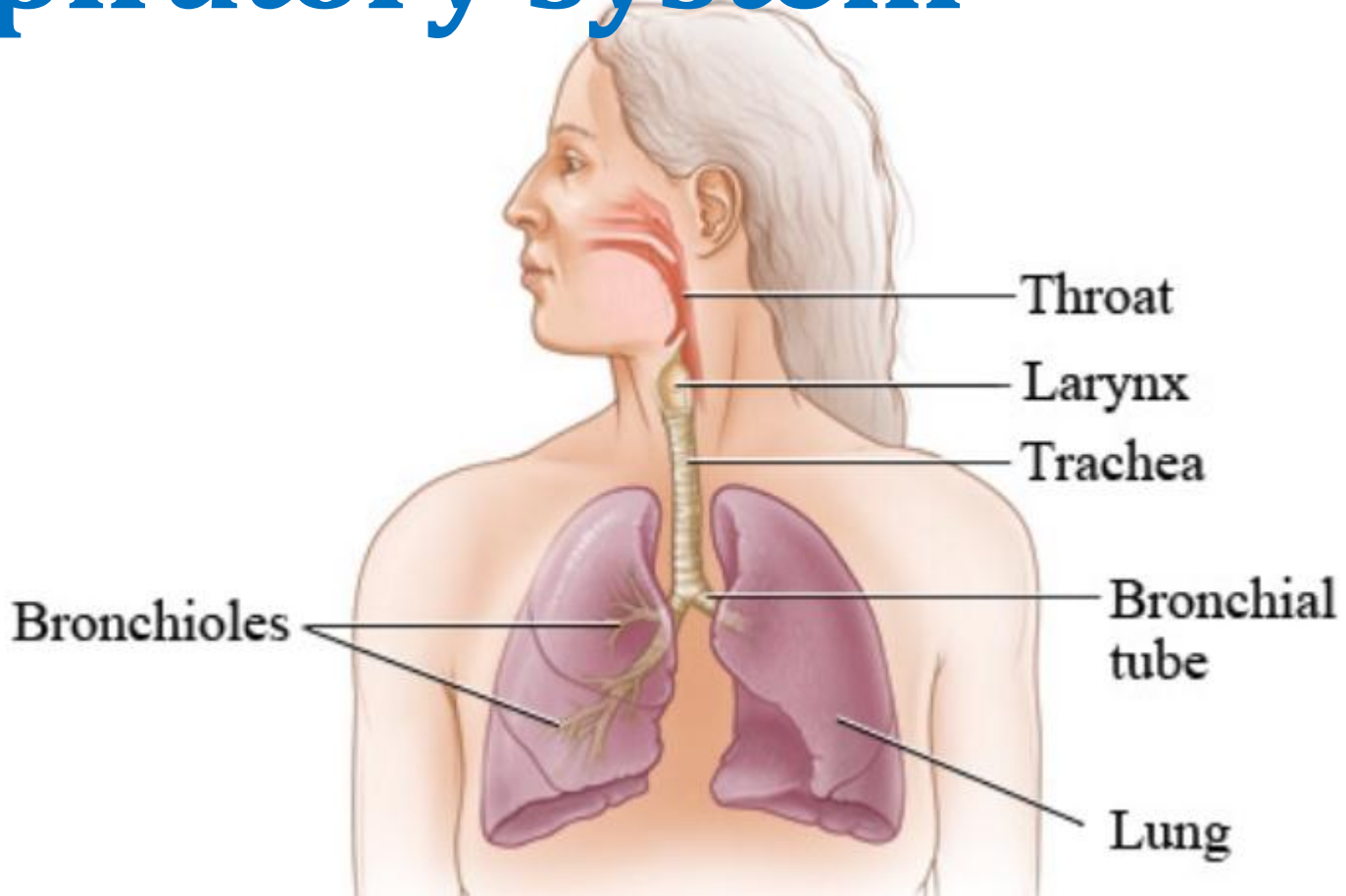


Respiratory system



Respiratory system

*RS divided into 2 zone :

conducting zone & respiratory zone.

*Conducting zone consist from

“Nose, pharynx, larynx, trachea & bronchi”.


*Respiratory zone consist from

“Alveoli”.

Respiratory system

*RS consist from Upper & Lower respiratory part:

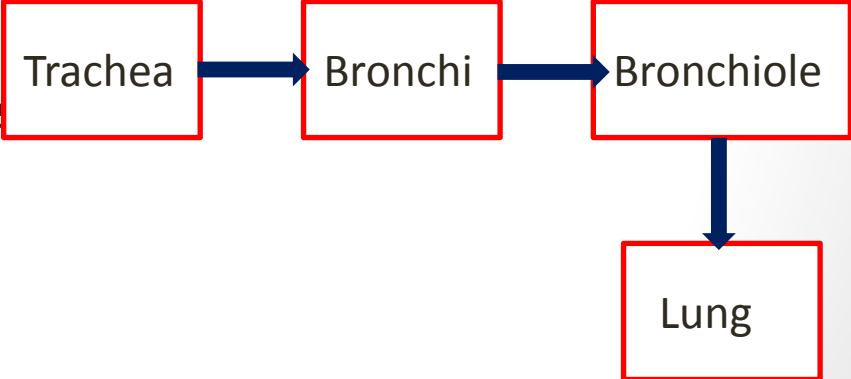
* **Upper respiratory** parts include



```
graph LR; A[Nose] --> B[Pharynx]; B --> C[Larynx]
```

The diagram shows a horizontal flow of three red-bordered boxes. The first box contains the word 'Nose', the second 'Pharynx', and the third 'Larynx'. Dark blue arrows point from the right side of the 'Nose' box to the left side of the 'Pharynx' box, and from the right side of the 'Pharynx' box to the left side of the 'Larynx' box.

* **Lower respiratory** parts include



```
graph TD; A[Trachea] --> B[Bronchi]; B --> C[Bronchiole]; C --> D[Lung]
```

The diagram shows a horizontal flow of three red-bordered boxes: 'Trachea', 'Bronchi', and 'Bronchiole'. A dark blue arrow points from the right side of the 'Trachea' box to the left side of the 'Bronchi' box, and another from the right side of the 'Bronchi' box to the left side of the 'Bronchiole' box. A vertical dark blue arrow points downwards from the bottom center of the 'Bronchiole' box to the top center of a fourth red-bordered box labeled 'Lung'.

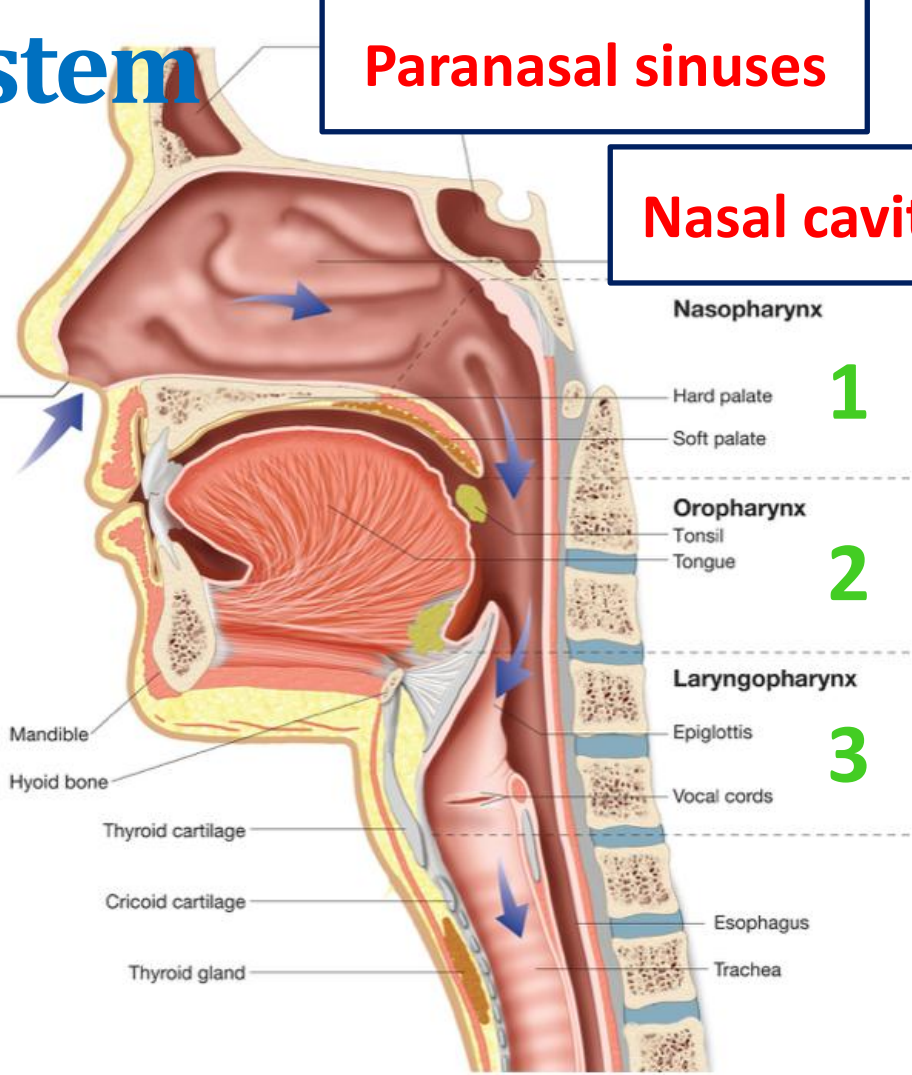
Respiratory system

Nose

Nasal nares

Paranasal sinuses

Nasal cavity



Nasopharynx

Hard palate
Soft palate

1

Oropharynx

Tonsil
Tongue

2

Laryngopharynx

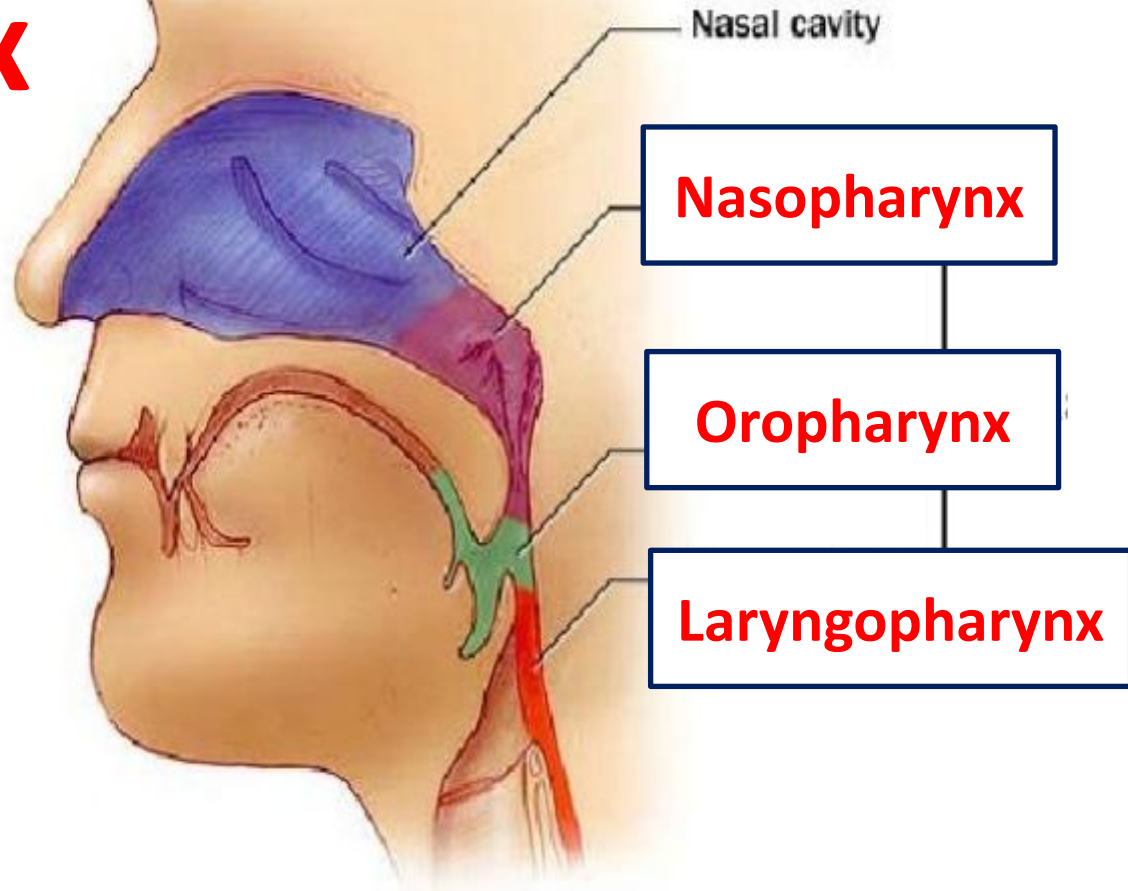
Epiglottis
Vocal cords

3

Esophagus
Trachea

Respiratory system

Pharynx



Respiratory system

Larynx

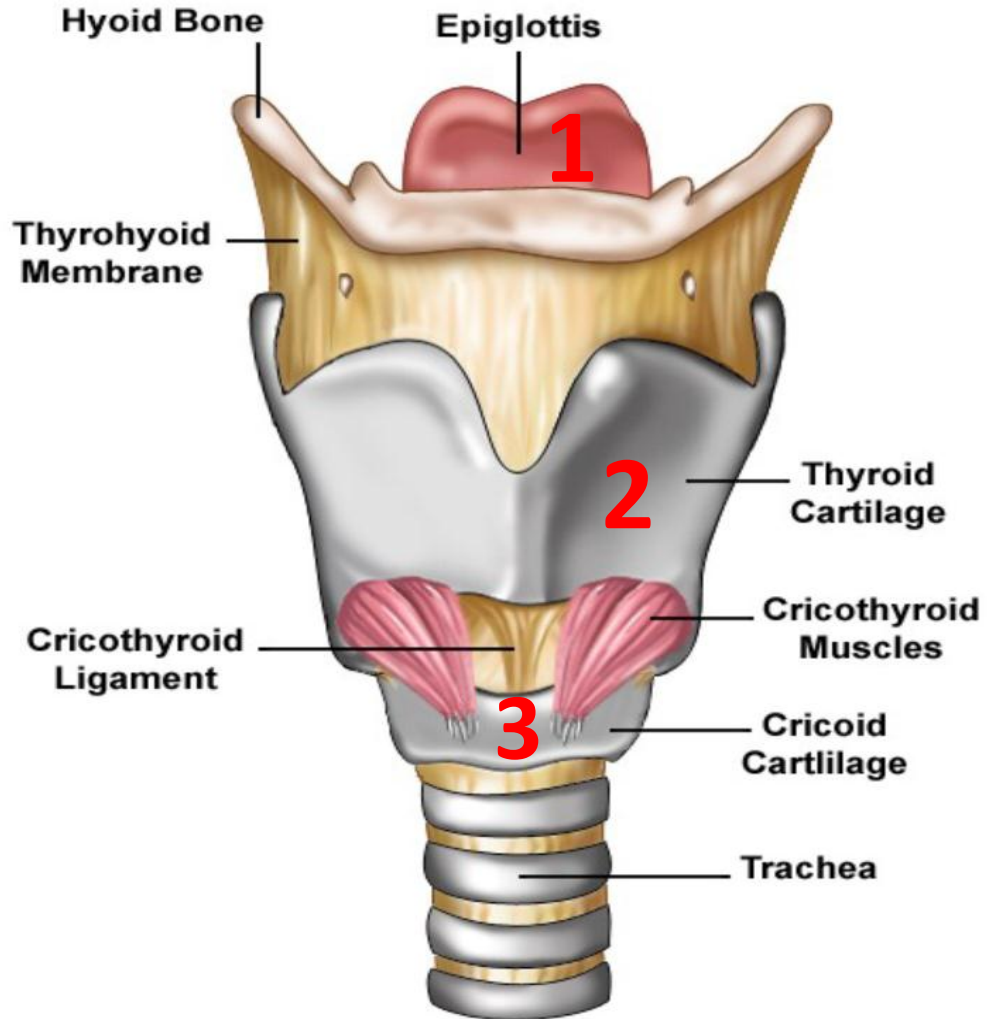
*Consist from

Epiglottis,

Thyroid cartilage &

Cricoid cartilage.

*Contain vocal cords.

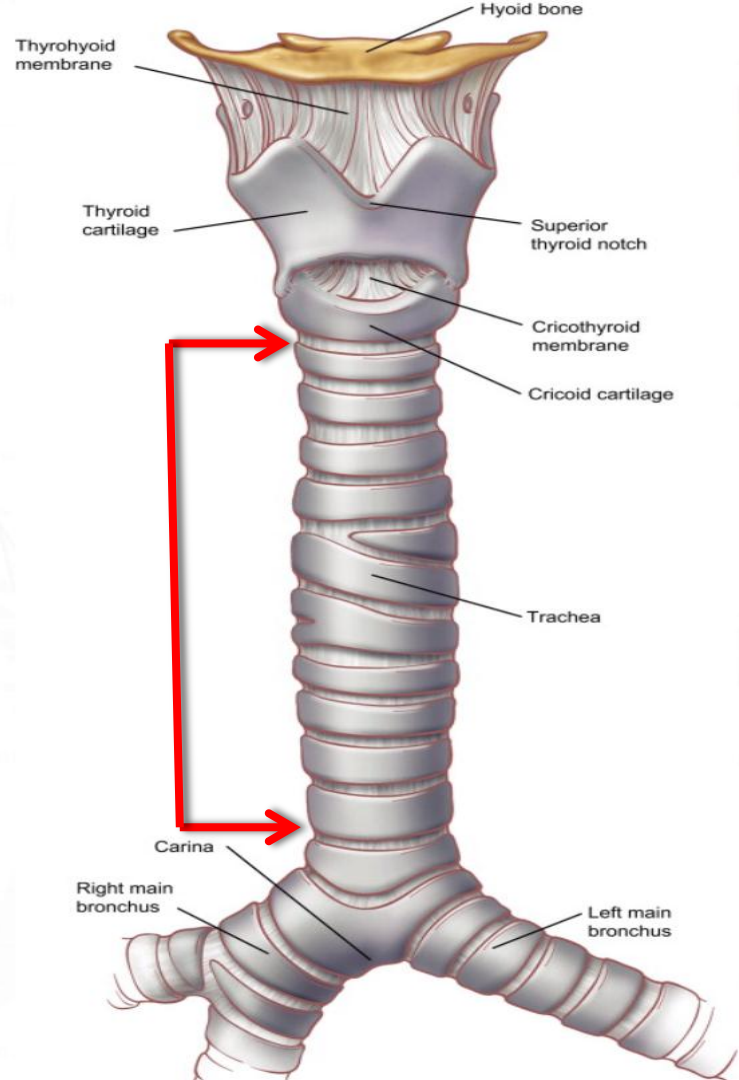


Respiratory system

Trachea

C- like ring cartilage.

“Incomplete ring”



Respiratory system

Bronchi

Primary bronchi

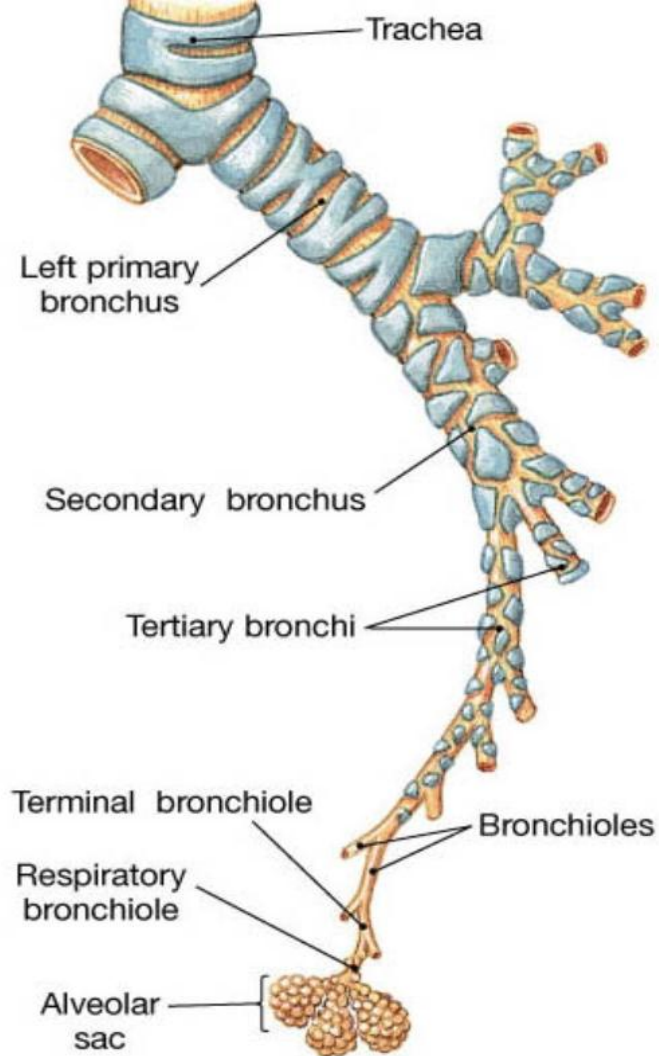
Secondary bronchi

Tertiary bronchi

Bronchioles

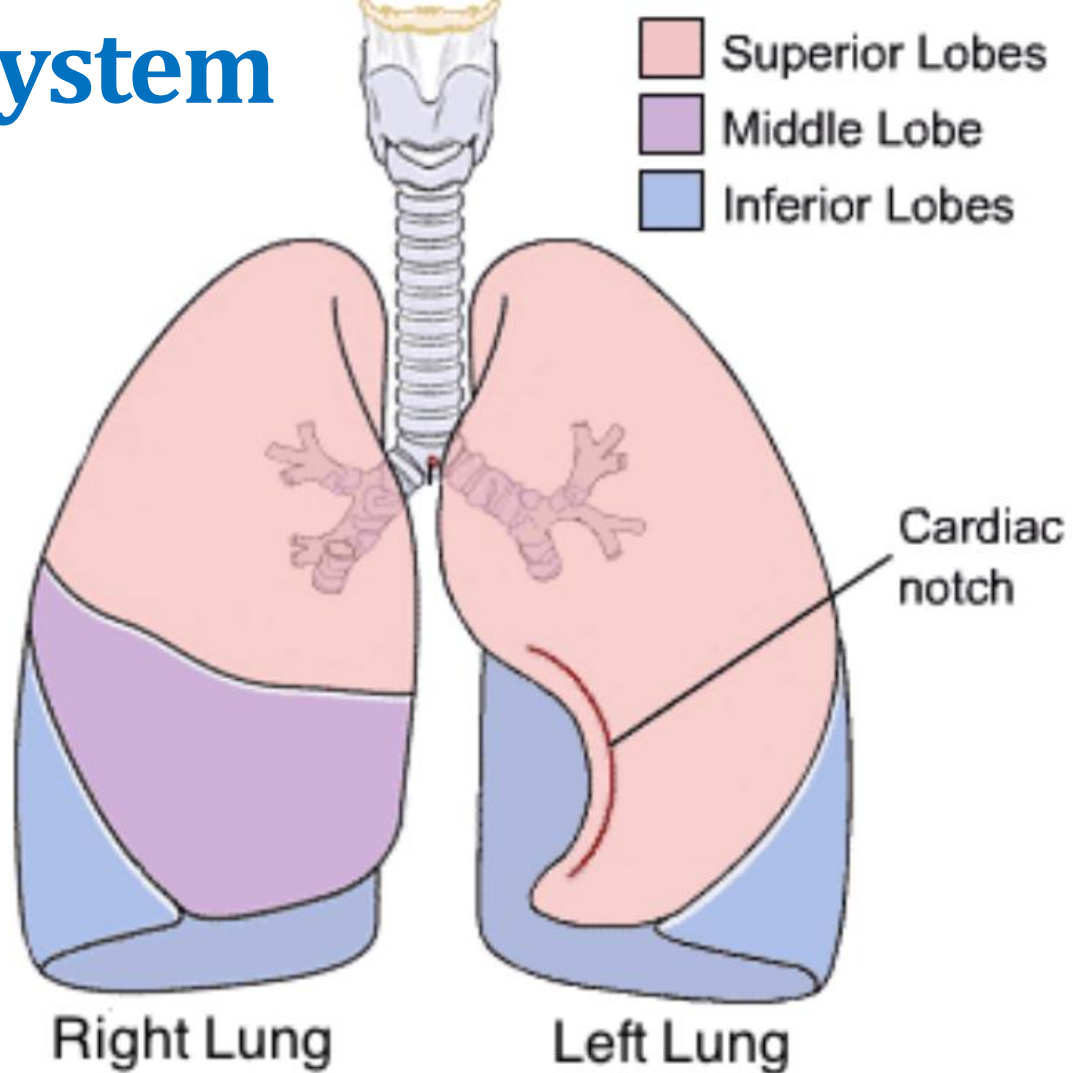
Terminal bronchioles

Alveoli



Respiratory system

Lung



Respiratory system

Lung

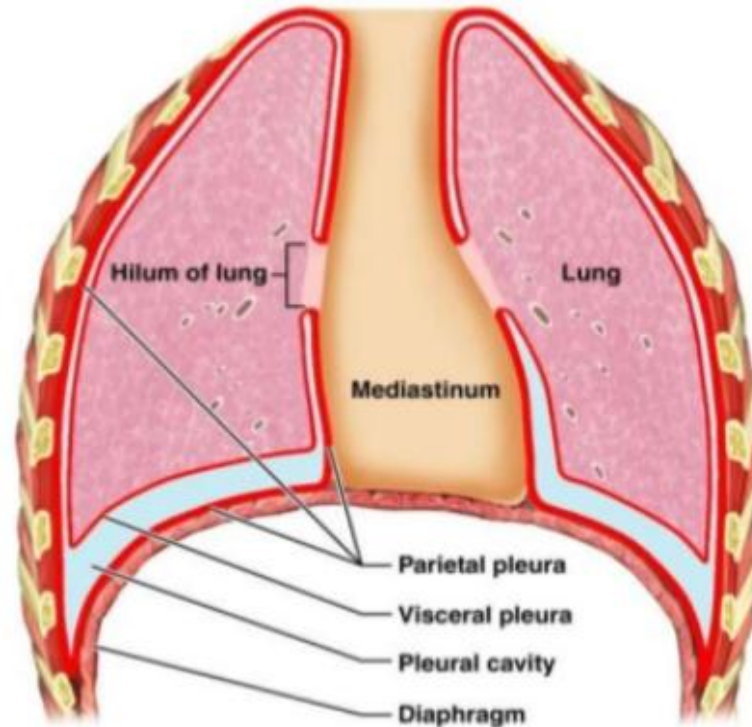
Pleura

1- parietal P.

Pleural space

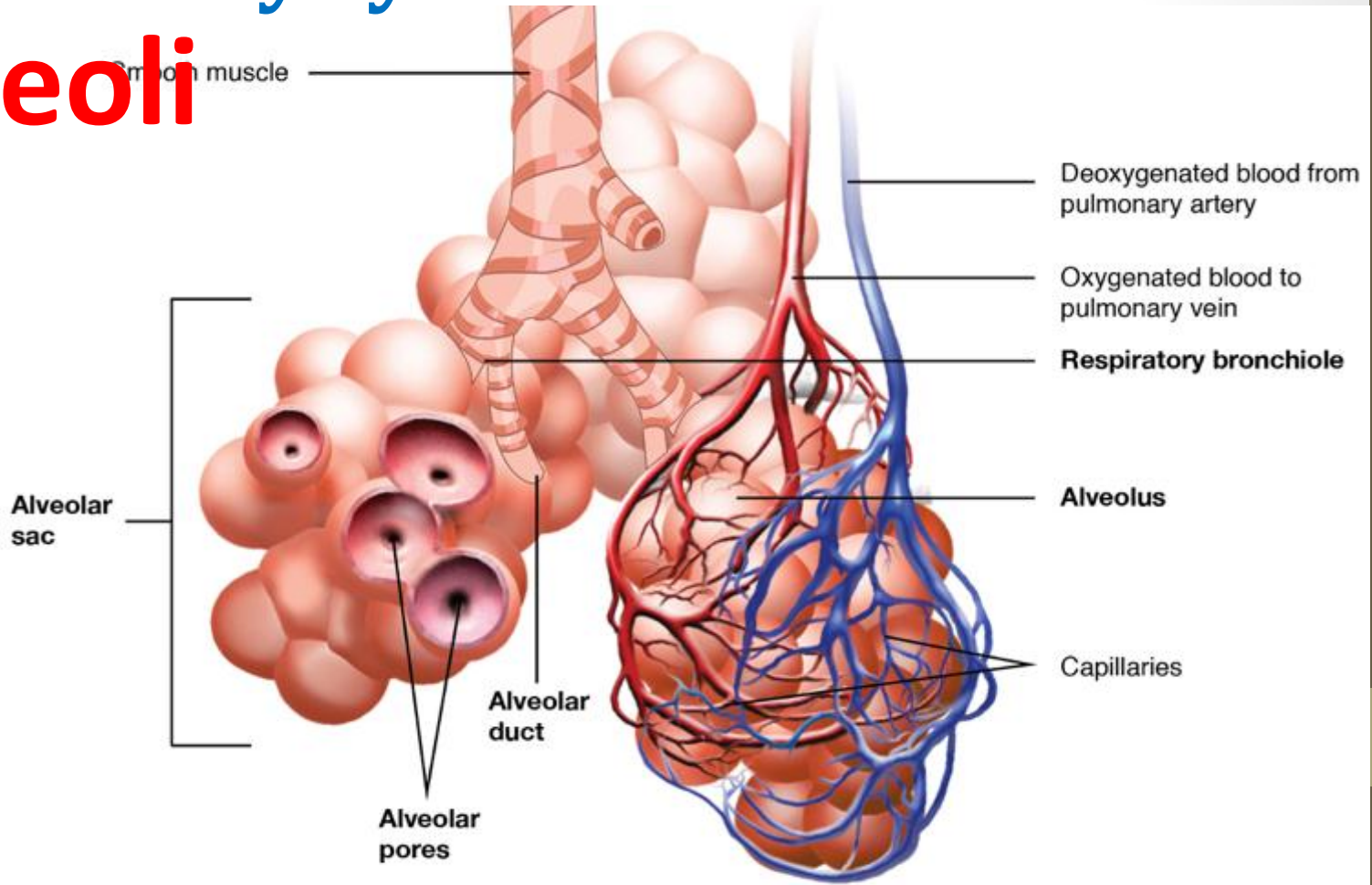
2- visceral P.

Diagram of the Pleurae and Pleural cavities



Respiratory system

Alveoli



Exam

Q1/ Parts of pharynx ?

Q2/ Types of larynx cartilage?