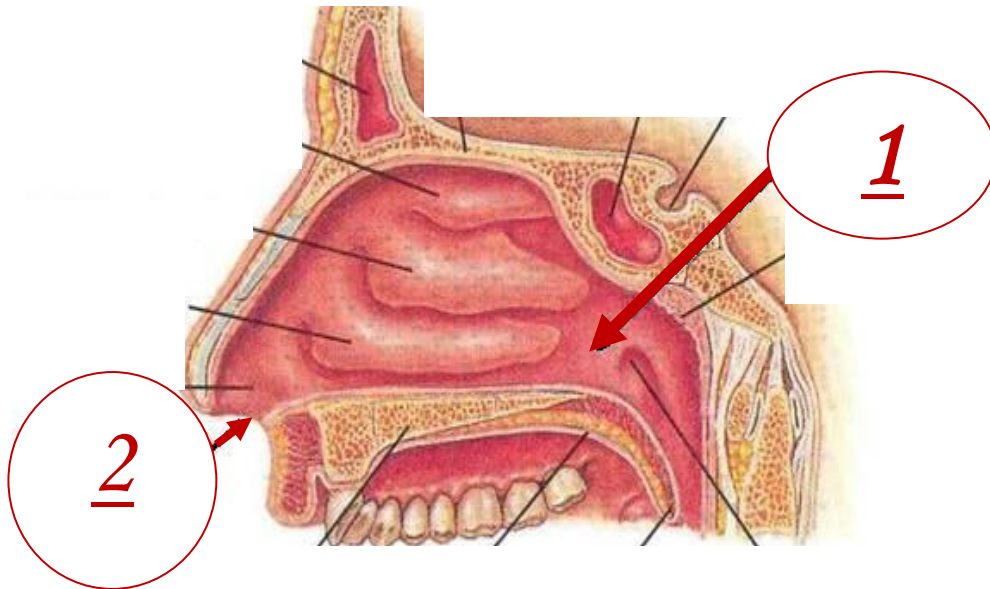


## *\*Respiratory Block:.*

### *\*Anatomy Team Students-430:.*

- Ayan Hussain.
- Alia Habash.
- Aysha Almahboob
- Hanan Al salman.
- Haya Al-Otabibi.
- Mayyada Al Abdely.
- Mohammed Al Mogren.
- Mohanned Al Essa.
- Samar Shetawe .
- Sarah Alsukait.
- Turki Al Sagri.

\*Nasal Cavity;.



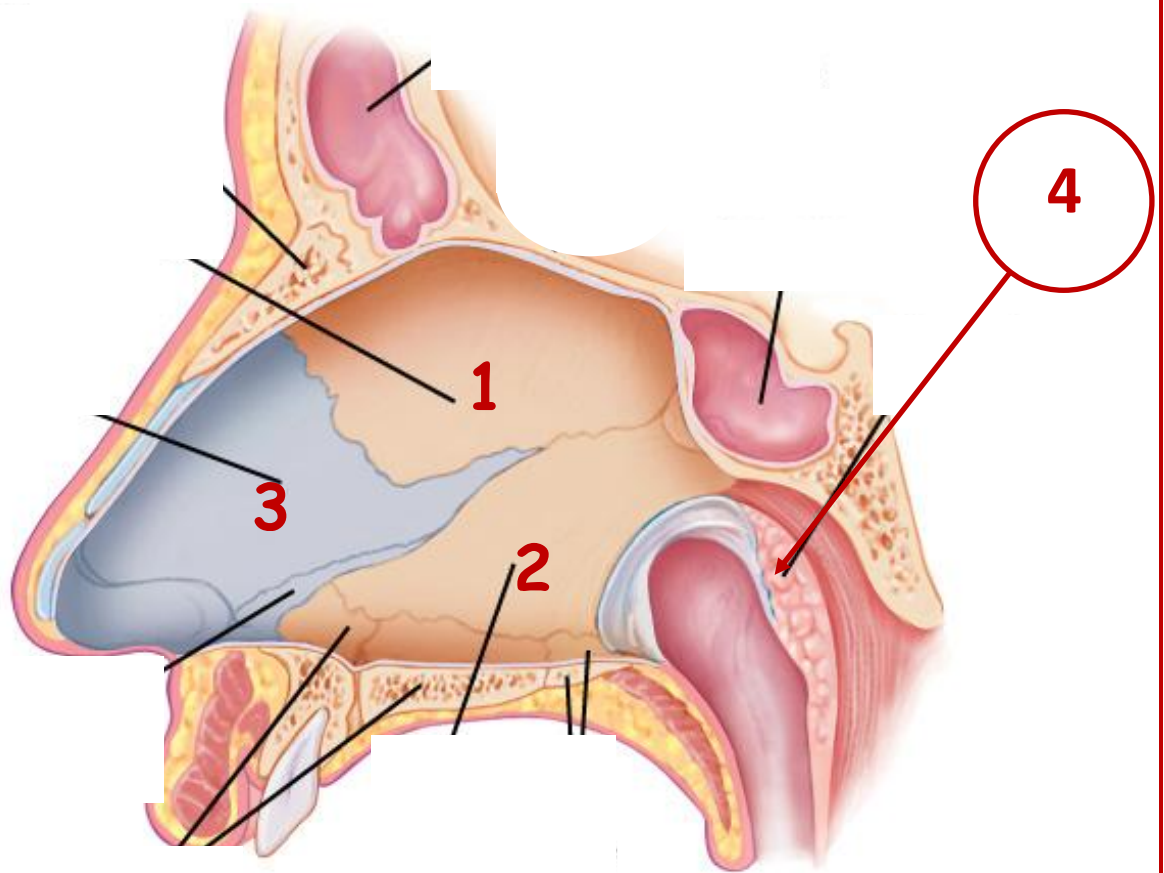
\*Identify the Pointed structure;.

1. posterior nares (choanae).
2. (anterior) nares.

\*complete the following ;.

-the nasal cavity extends from the anterior nares to the posterior nares.

## Anatomy practical Team 430



\*complete the following :.

The nasal cavity is divided into right and left by the nasal septum.

\*what are the parts of the nasal septum pointed in the picture;.

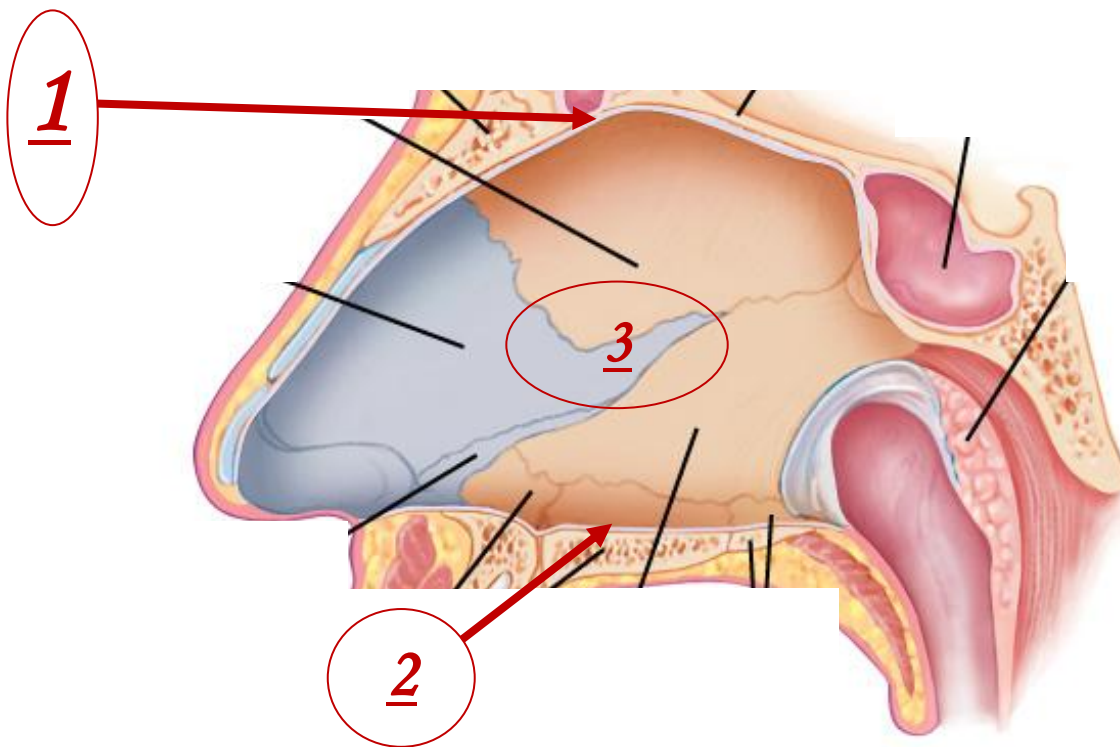
1 - Vertical plate of ethmoid bone.

2 - vomer bone.

3 - the septal cartilage

4 - pharyngeal tonsil.

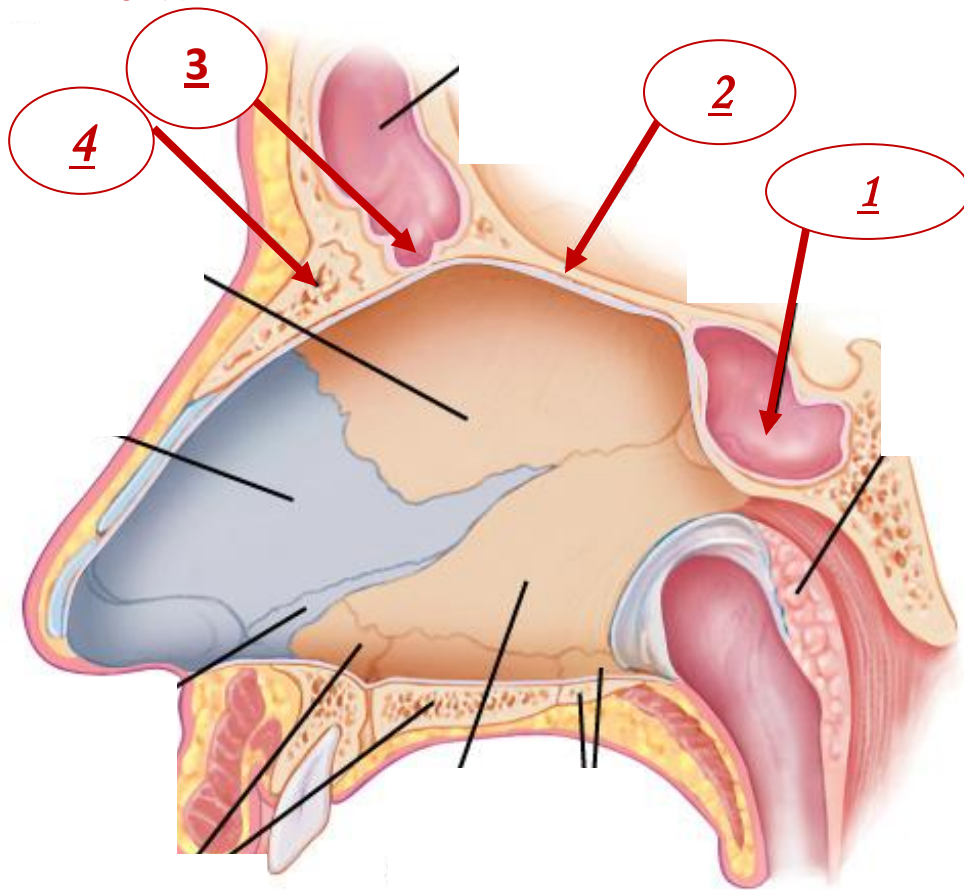
## Anatomy practical Team 430



\*what are the parts of the nasal cavity;

1. Roof of the nasal cavity.
2. Floor of the nasal cavity.
3. medial wall of the nasal cavity.

## Anatomy practical Team 430

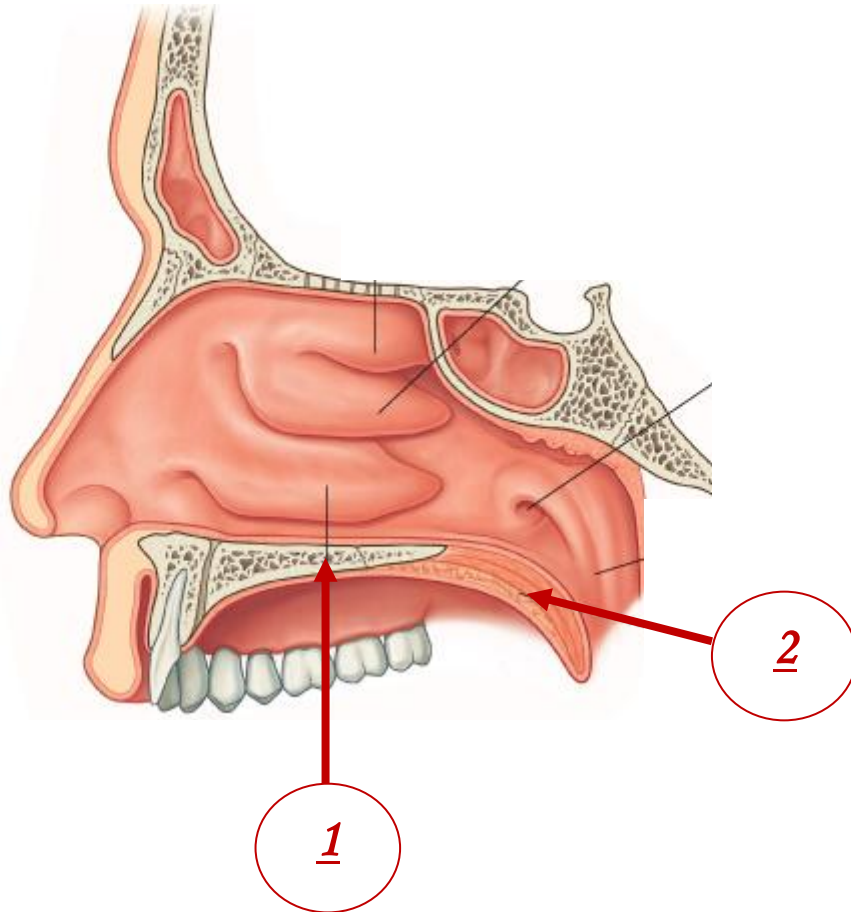


\*Identify the pointed parts of the roof of the nasal cavity;

1. Sphenoidal sinus
2. Cribriform plate of ethmoid bone.
3. Frontal sinus.
4. Nasal bone & cartilage

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B



\*Identify the pointed structure in the floor of the nasal cavity;

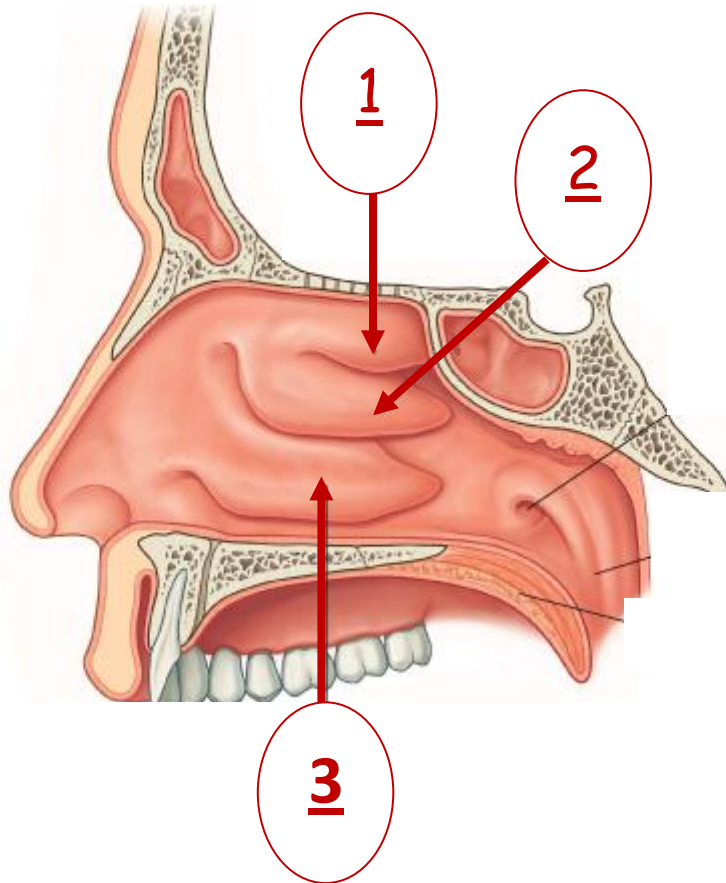
1. hard palate.

2. soft palate.



## Anatomy practical Team 430

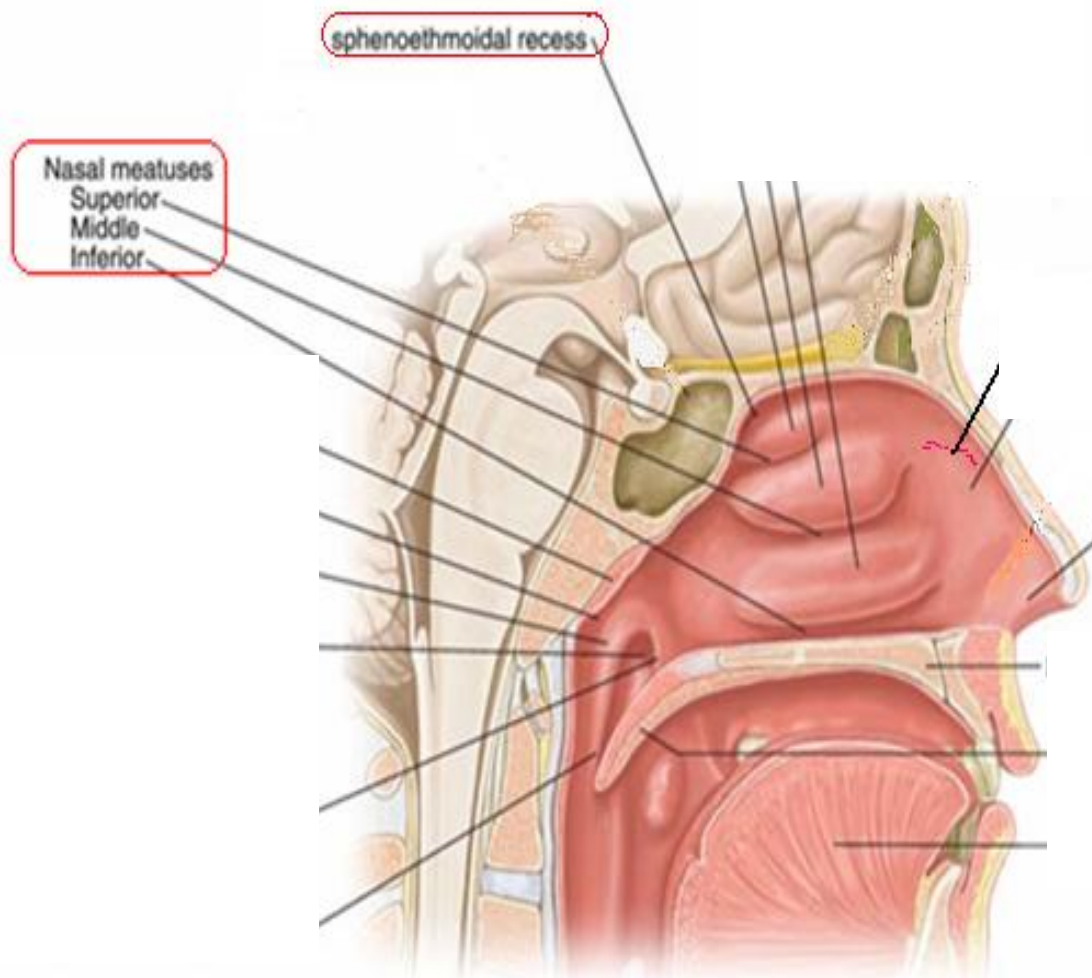
B



\*Identify the pointed structure in the lateral wall of the nasal cavity;

1. superior conchae (turbinates).
2. middle conchae (turbinates).
3. inferior conchae (turbinates).

## Anatomy practical Team 430



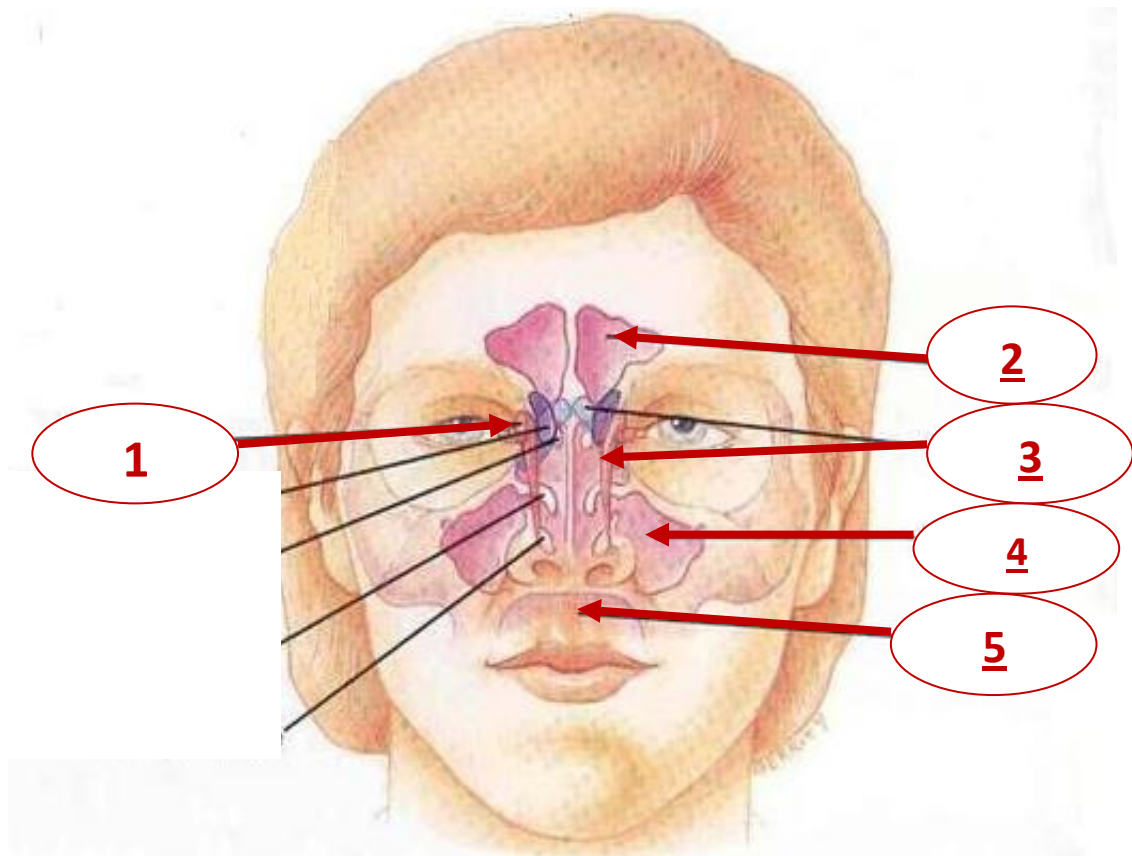


## Anatomy practical Team 430

*\*From the previous picture you should know each recess and meatus receive which opening as in this schedule :*

Sphenoethmoidal recess	sphenoidal sinus
Superior meatus	posterior ethmoidal sinus
Middle meatus	middle ethmoidal, maxillary, frontal & the anterior ethmoidal sinuses
Inferior meatus	Nasolacrimal duct

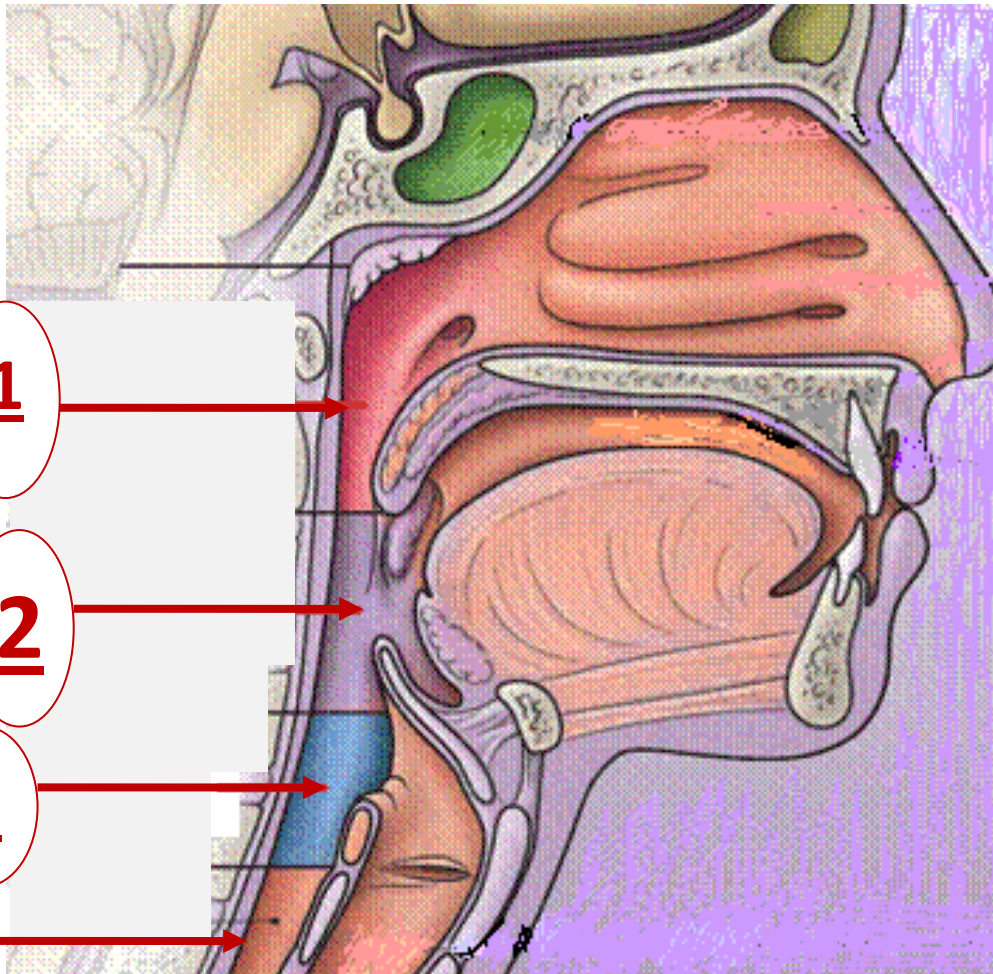
*\* Paranasal Sinuses;*



*\*Identify the pointed structure ;.*

- 1.lacremal sac.
- 2.frontal sinus.
- 3.nasolacremal duct .
4. maxillary sinus.
- 5.oral cavity.

★ Pharynx:



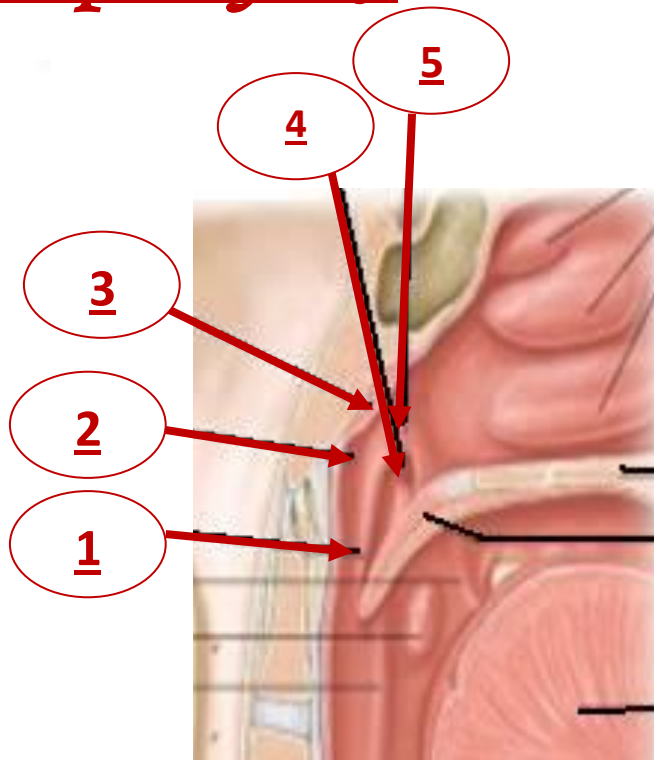
\*Identify the pointed structure ;.

- 1 - Nasopharynx.
- 2- Oropharynx.
- 3- Laryngopharynx.
- 4-Esophagus.

\*complete the following;.

Pharynx Extends from the base of the skull to level of the 6<sup>th</sup> cervical vertebra, where it is continuous with the esophagus.

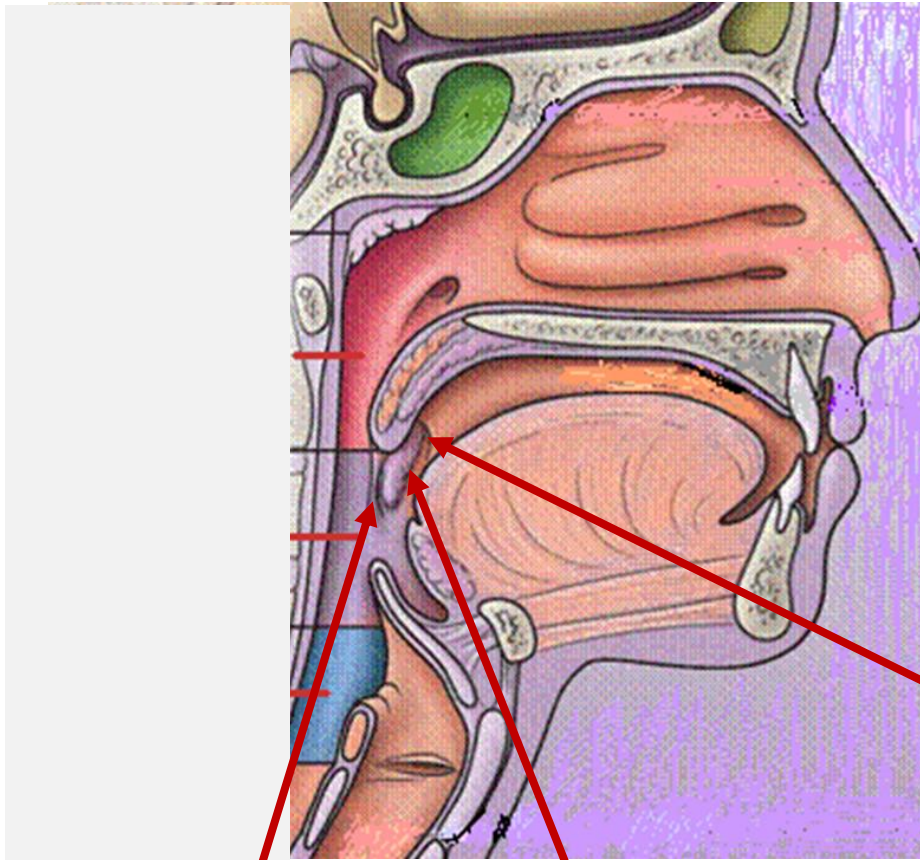
*★Nasopharynx:*



*\*Identify the pointed structure ;.*

1. Salpingopharyngeal fold
2. Pharyngeal recesses.
3. Pharyngeal tonsil
4. Opening of auditory tube
5. Tubal elevation

★ oropharynx:



\*what is the  
nerve which  
supply the  
oropharynx:

Glossopharyn  
geal nerve.

1

3

2

\*Identify the pointed structure ;.

1.palatoglossal folds: Anteriorly.

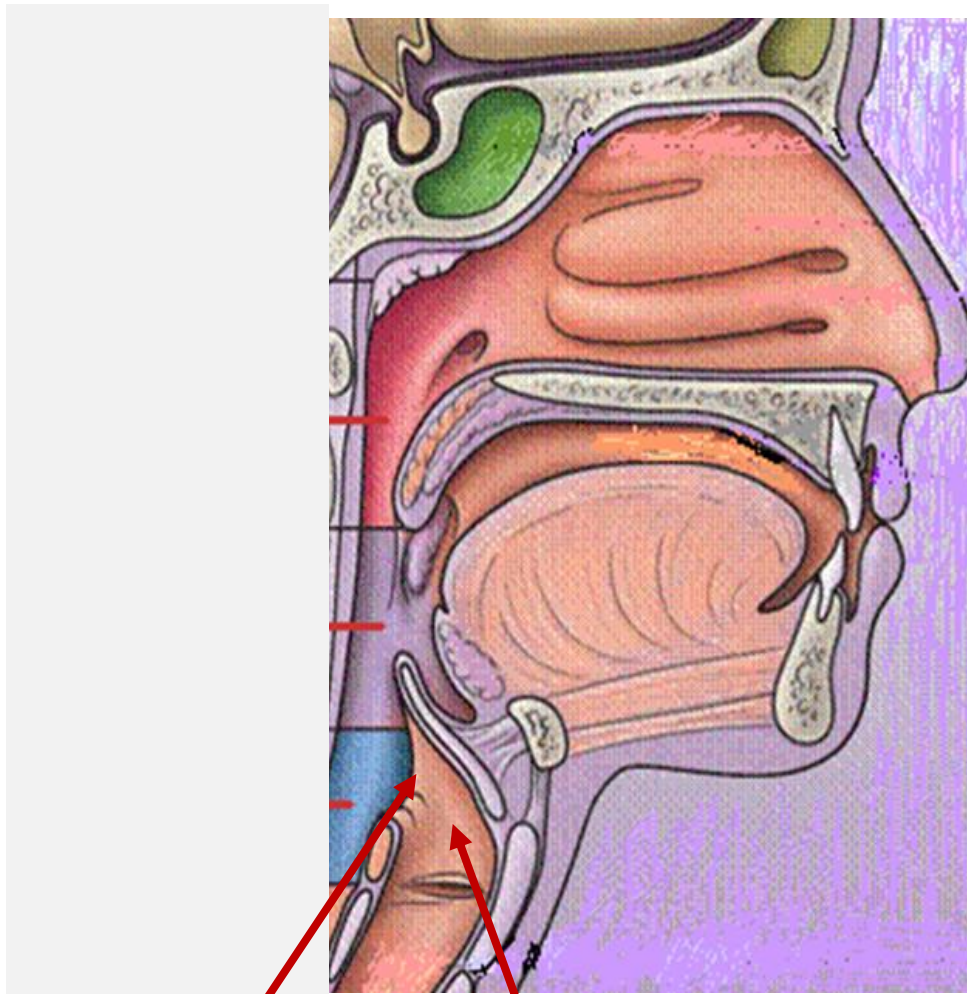
2.Palatine tonsil :

between these folds in a depression called the 'tonsillar fossa'.

3. Palatopharyngeal folds: Posteriorly.



★ Laryngopharynx:-



\*what is the  
nerve which  
supply the  
laryngopharynx:

Vagus nerve

1

2

\*Identify the pointed structure ;.

1. laryngeal inlet:

Opening that communicates the larynx with the laryngopharynx

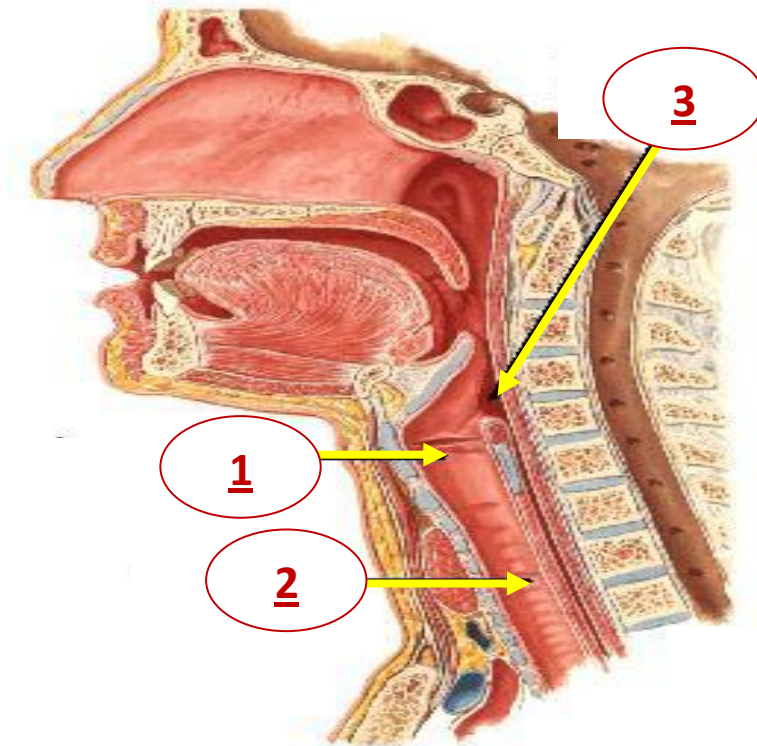
2. larynx .

\*complete the following ;.

Extend from the upper border of the epiglottis  
to the lower border of the cricoid cartilage.



\*larynx.



\*Identify the pointed structure ;.

1.larynx

2- Trachea

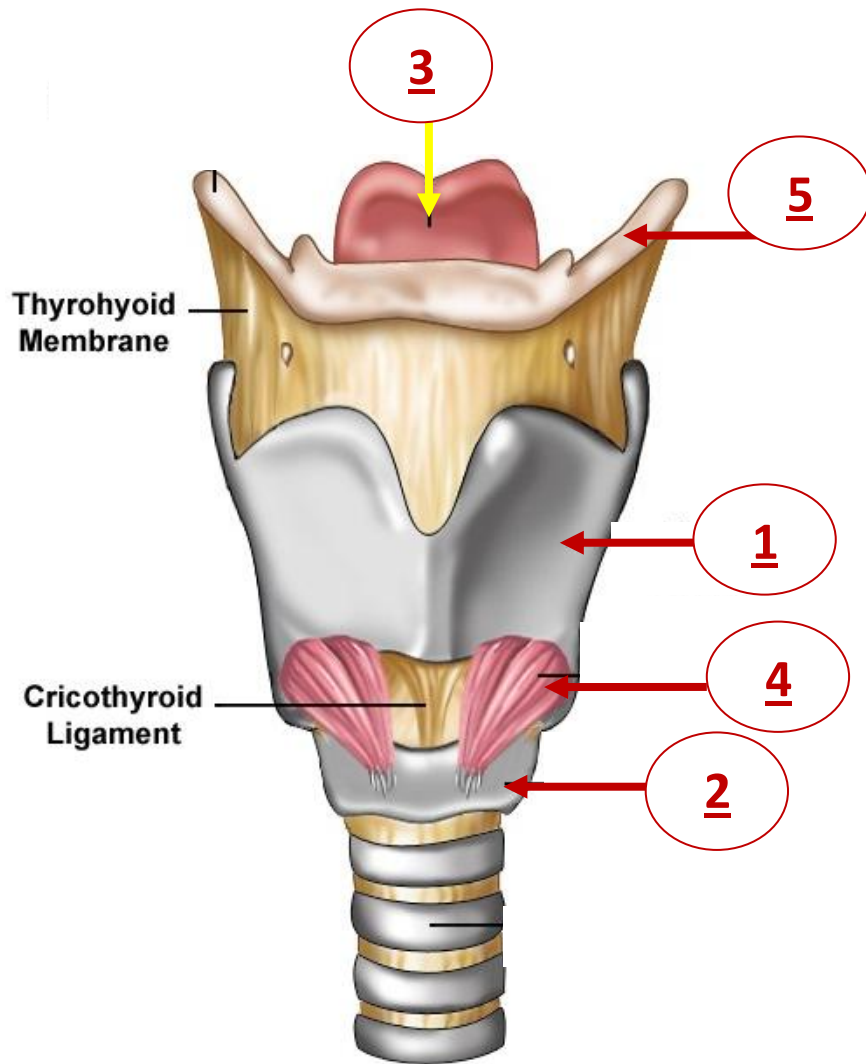
3- laryngopharynx

\*complete the following ;.

it is the portion of the respiratory tract containing the vocal cords.

It is continuous with the trachea below.

## Anatomy practical Team 430



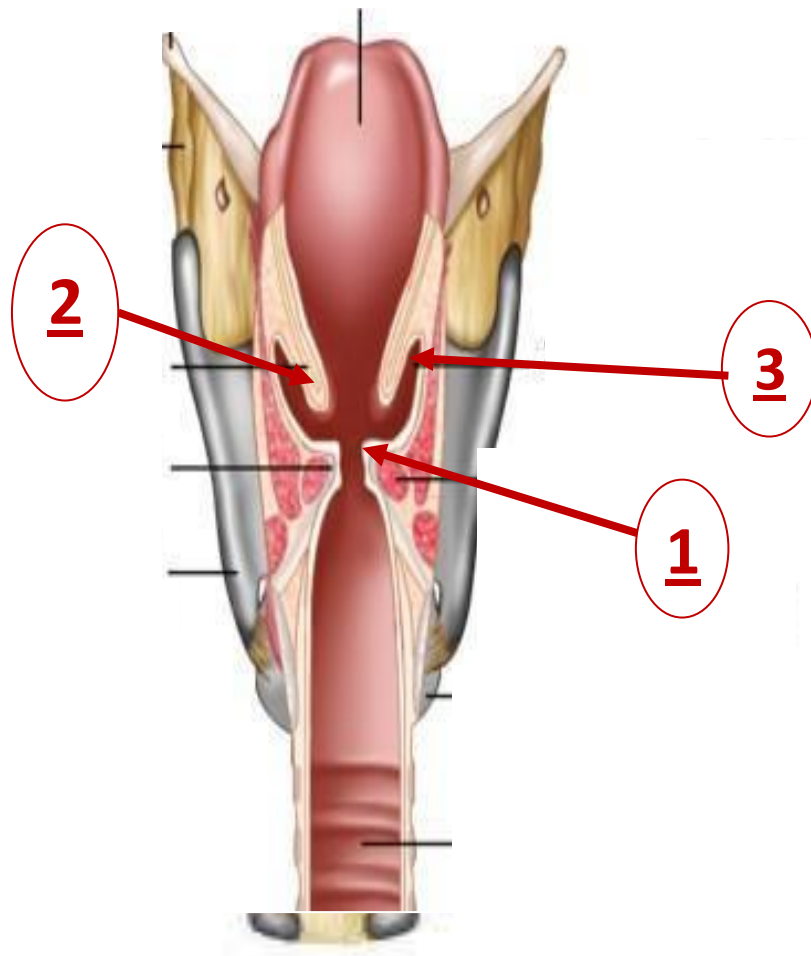
\*Identify the pointed structure ;.

1. Thyroid.
2. Cricoid.
3. Epiglottis.
4. Posterior cricothyroid muscle
- 5- Hyoid bone

\*complete the following ;.

All the cartilages are hyaline except the? **Epiglottis which is elastic.**

## Anatomy practical Team 430



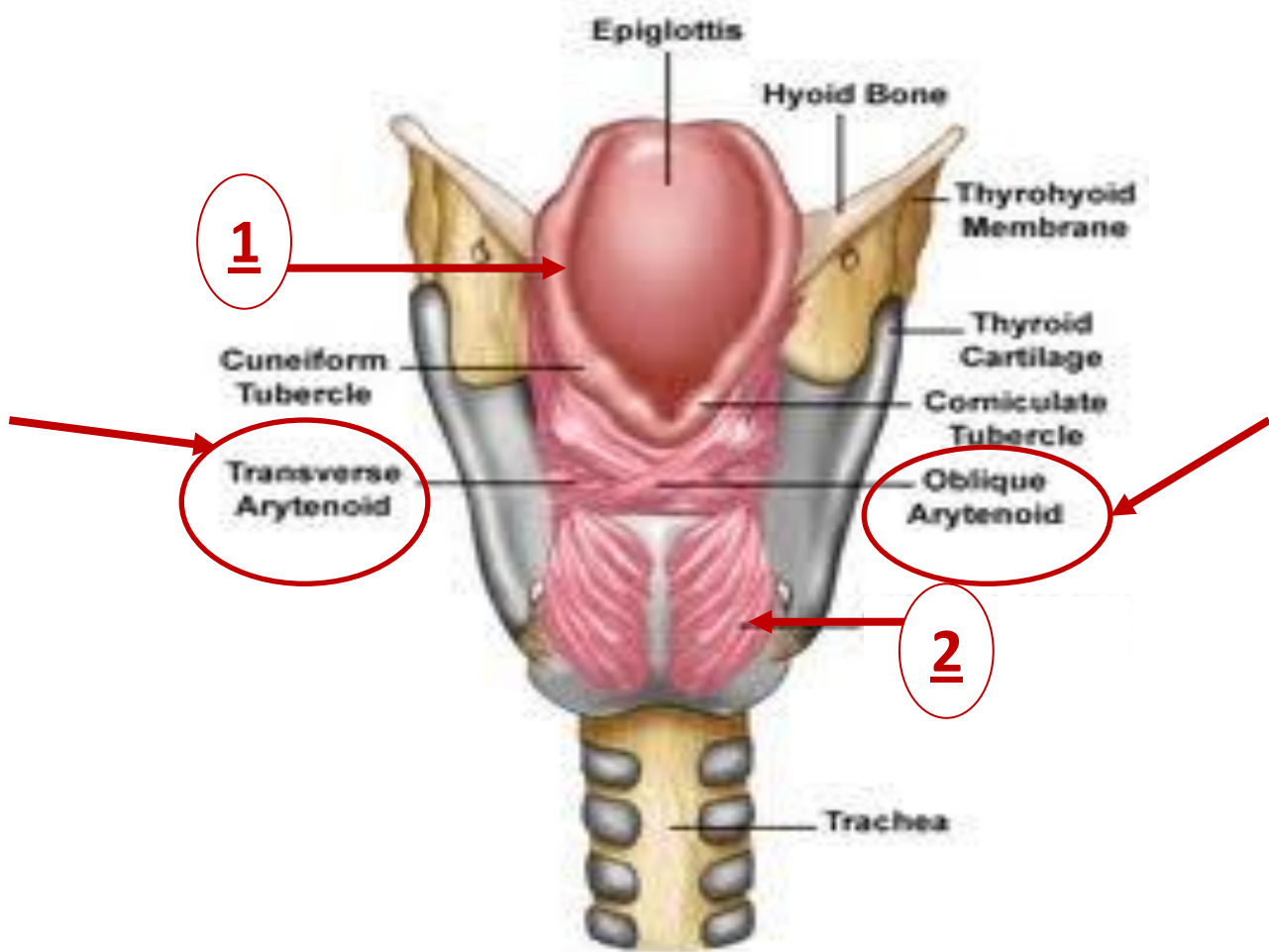
\*Identify the pointed structure ;.

1. vocal fold. Which is formed by the **Upper** free margin of Cricothyroid membrane (conus elasticus)
2. vestibular cord which is formed by **the lower** free margin of Quadrangular membrane
3. saccule

\*complete the following ;.

**saccule** Contains many mucous glands (for lubrication of vocal folds)

## Anatomy practical Team 430



*\*Identify the pointed structure ;.*

1 - aryepiglottic folds

2-Posterior cricoarytenoid muscle (*is the only muscle that make abduction* ).

*\*complete the following ;.*

The laryngeal inlet is bounded laterally by (*aryepiglottic folds*).