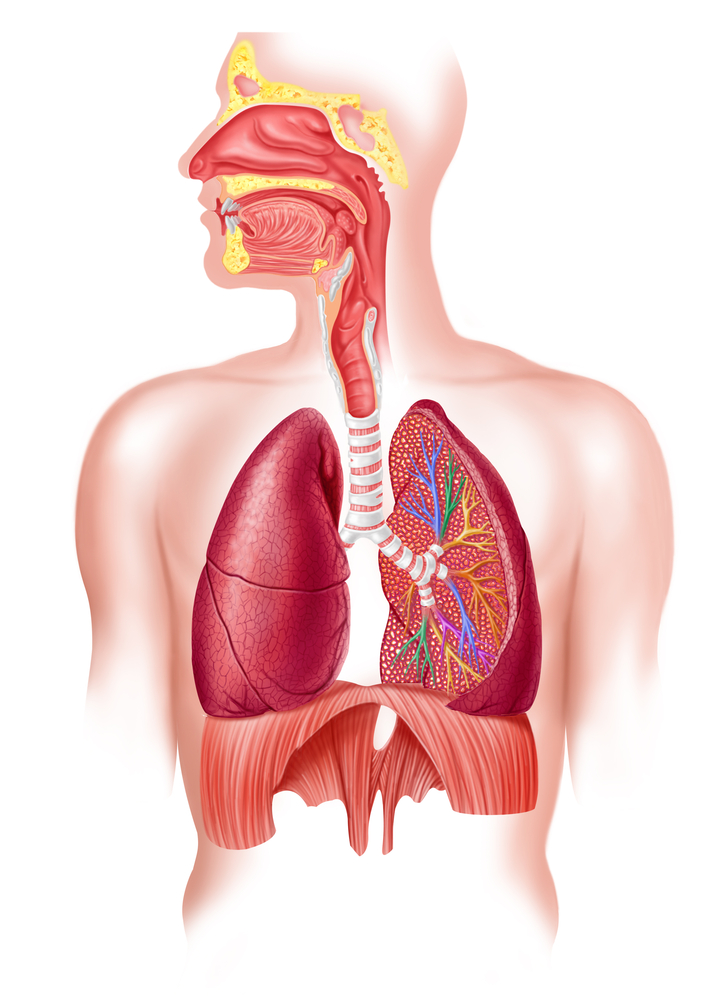
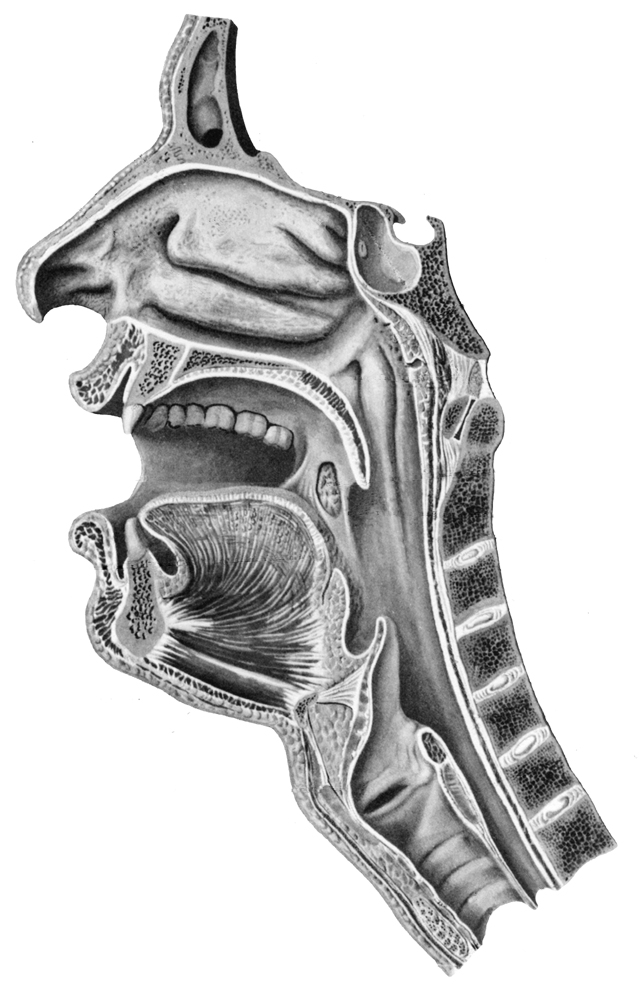
**SELF-TESTS: RESPIRATORY SYSTEM**

**Task 1: Indicate and write in order the organs, through which the inspired air passes to the lungs.**



**Task 2: Indicate the listed structures on the following picture.**

1. Limen nasi (limen nasi);
2. Nasal vestibule (vestibulum nasi);
3. Nasal cavity proper (cavitas nasi propria);
4. Olfactory region (regio olfactoria);
5. Respiratory region (regio respiratoria);
6. Choanae (choanae) (indicate the zone of choanae);
7. Inferior nasal concha (concha nasalis inferior);
8. Middle nasal concha (concha nasalis media);
9. Superior nasal concha (concha nasalis superior);
10. Inferior nasal meatus (meatus nasi inferior);
11. Middle nasal meatus (meatus nasi medius);
12. Superior nasal meatus (meatus nasi superior);
13. Sphenoidal sinus (sinus sphenoidalis);
14. Frontal sinus (sinus frontalis);
15. Maxillary sinus (sinus maxillaris);
16. Nasopharynx (pars nasalis pharyngis);
17. Oropharynx (pars oralis pharyngis);
18. Pharyngeal opening of the auditory tube (ostium pharyngeum tubae auditivae);
19. Pharyngeal fornix (fornix pharyngis);
20. Pharyngeal recess (recessus pharyngeus);
21. Salpingopharyngeal fold (plica salpingopharyngea);
22. Hyoid bone (os hyoideum);
23. Thyroid cartilage (cartilago thyroidea);
24. Epiglottic cartilage (cartilago epiglottica);
25. Arythenoid cartilage (cartilago arythenoidea);
26. Cricoid cartilage (cartilago cricoidea);
27. Laryngeal vestibule (vestibulum laryngis);
28. Vestibular folds (plicae vestibulares);
29. Vocal folds (plicae vocales);
30. Glottis (glottis);
31. Infraglottic cavity (cavitas infraglottica);

**Sagittal section of head and neck**

1. Laryngeal ventricle (ventriculus laryngis)

**Task 3: Complete the table (indicate with “plus” the communications of the nasal meatuses).**

**Task 4: Indicate the visible paranasal sinuses and nasal meatuses on the following radiographs.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Frontal sinus** | **Maxillary sinus** | **Anterior ethmoidal cells** | **Middle**  **ethmoidal cells** | **Posterior ethmoidal cells** | **Sphenoidal sinus** | **Pterygopalatine fossa through sphenopalatine foramen** | **Orbit through nasolacrimal canal** |
| **Superior nasal meatus** |  |  |  |  |  |  |  |  |
| **Middle nasal meatus** |  |  |  |  |  |  |  |  |
| **Inferior nasal meatus** |  |  |  |  |  |  |  |  |





**Radiograph of skull**

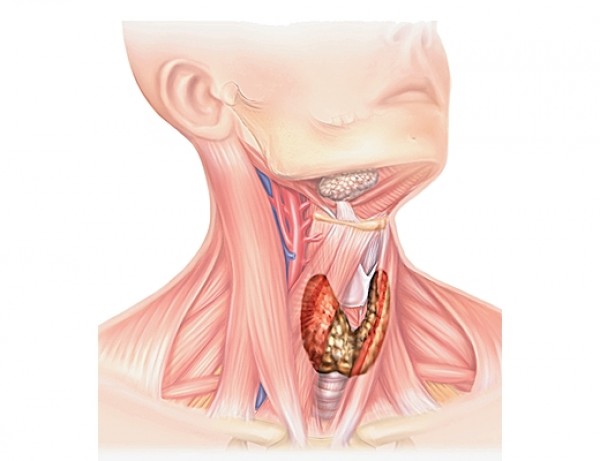
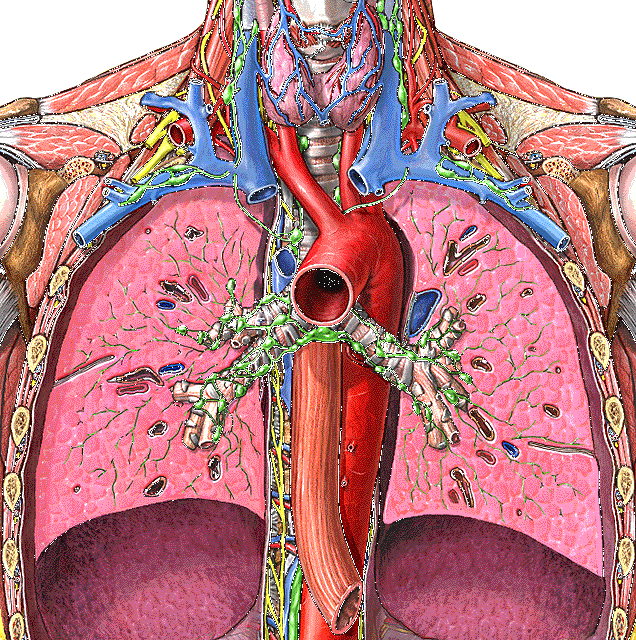
**(sagittal aspect)**

**Radiograph of skull**

**(frontal aspect)**

**Task 5: Indicate the organs and muscles, Task 6: Indicate the organs surrounding the**

**surrounding the larynx and trachea, and write their names. trachea, and write their names.**



**Organs of thoracic cavity**

**(frontal aspect)**

**Organs of neck**

**(frontal aspect)**

**Task 7: Indicate the listed structures on the following pictures.**

1. Hyoid bone (os hyoideum): greater horn, lesser horns, body;
2. Thyroid cartilage (cartilago thyroidea);
3. Epiglottic cartilage (cartilago epiglottica): lamina, stalk (petiolus);
4. Arythenoid cartilage (cartilago arythenoidea): apex, base, vocal process, muscular process;
5. Cricoid cartilage (cartilago cricoidea): lamina, arch;
6. Triticeal cartilage (cartilago triticia);
7. Superior thyroid notch (incisura thyroidea superior);
8. Inferior thyroid notch (incisura thyroidea inferior);
9. Laryngeal prominence (prominentia laryngis);
10. Superior horn of thyroid cartilage (cornu superius);
11. Inferior horn of thyroid cartilage (cornu inferius);
12. Oblique line (linea obliqua);
13. Thyrohyoid membrane (membrana thyrohyoidea): median and lateral thyrohyoid ligaments;
14. Vocal ligament (ligamentum vocale);
15. Vestibular ligament (ligamentum vestibulare);
16. Cricothyroid ligament (ligamentum cricothyroideum);
17. Cricoarythenoid joints (articulatio cricoarythenoidea) (indicate the area);
18. Cricothyroid joints (articulatio cricoarythyroidea) (indicate the area);
19. Elastic cone (conus elasticus);
20. Quadrangular membrane (membrana quadrangularis);
21. Cricotracheal ligament (ligamentum cricotracheale);
22. Tracheal cartilages (cartilago trachealis);
23. Annular ligaments of trachea (ligamenta anularia);
24. Membranous wall of trachea (paries membranaceus)

**Ligaments of larynx and trachea**

**(posterior aspect)**





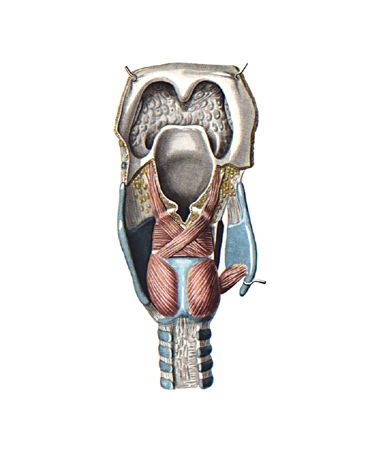
**Ligaments of larynx and trachea**

**(anterior aspect)**

**Ligaments of larynx and trachea**

**(lateral aspect)**

**Task 8: Indicate the listed structures on the following pictures.**



1. Laryngeal inlet (aditus laryngis);
2. Aryepiglottic folds (plicae aryepiglotticae);
3. Interarythenoid fold (plica interarythenoidea);
4. Interarythenoid notch (incisura interarythenoidea);
5. Piriform recess (recessus piriformis);
6. Transverse arythenoid muscle (musculus arythenoideus transversus);
7. Oblique arythenoid muscle (musculus arythenoideus obliquus);
8. Posterior cricoarythenoid muscle (musculus cricoerythenoideus posterior);
9. Lateral cricoarythenoid muscle (musculus cricoerythenoideus lateralis);
10. Thyroarythenoid muscle (musculus thyroarythenoideus);
11. Cricothyroid muscle (musculus cricothyroideus);
12. Thyroepiglottic muscle (musculus thyroepiglotticus);
13. Aryepiglottic muscle (musculus aryepiglotticus)

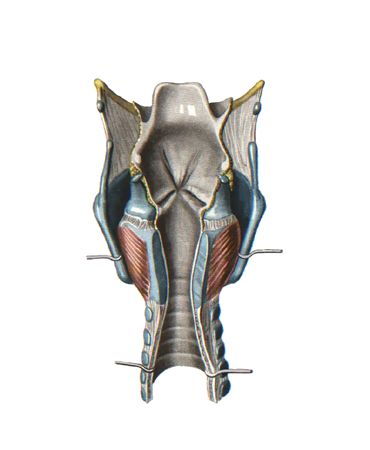
**Muscles of larynx and trachea**

**(posterior aspect)**

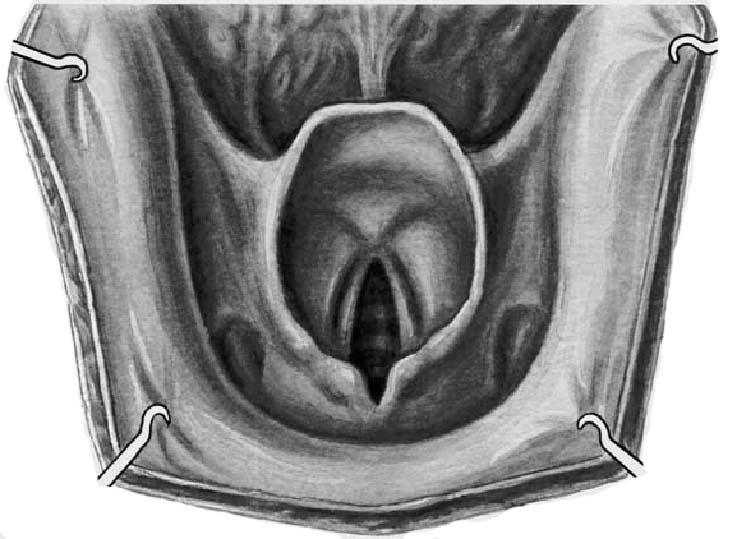
**Muscles of larynx and trachea**

**(lateral aspect)**

**Task 9: Indicate the listed structures on the following pictures.**



1. Laryngeal inlet (aditus laryngis);
2. Aryepiglottic folds (plicae aryepiglotticae);
3. Interarythenoid fold (plica interarythenoidea);
4. Interarythenoid notch (incisura interarythenoidea);
5. Epiglottic tubercle (tuberculum epiglotticum);
6. Cuneifrom tubercle (tuberculum cuneiforme);
7. Corniculate tubercle (tuberculum corniculatum);
8. Piriform recess (recessus piriformis);
9. Laryngeal vestibule (vestibulum laryngis);
10. Vestibular folds (plicae vestibulares);
11. Vocal folds (plicae vocales);
12. Glottis (glottis);
13. Rima glottidis (rima glottidis): intercartilaginous part and intermembranous part;
14. Laryngeal ventricle (ventriculus laryngis);
15. Infraglottic cavity (cavitas infraglottica)



**Laryngeal cavity**

**(posterior aspect)**

**Laryngeal cavity**

**(superior aspect)**