

PTA/OTA 106 Unit 1 / Lab 5

Respiratory and Digestive

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Respiratory System

1. NOSE AND NASAL CAVITY:

External Structures:

Root	Apex	Dorsum nasi
External naris	Bridge	

Internal Structures:

Frontal sinus	Hard palate	Internal nares
Nasal conchae (superior, middle, inferior)		
Nasal meatuses (superior, middle, inferior)		Nasal septum
Nasopharynx	Nostrils	Olfactory epithelium
Orifice of Eustachian tube	Oropharynx	Palatine tonsil
Soft palate	Sphenoidal sinus	Uvula
Vestibule	Ethmoidal sinus	Maxillary sinus

2. LARYNX:

Arytenoid cartilage	Corniculate cartilage	Cricoid cartilage
Epiglottis	glottis	Laryngeal sinus
Laryngopharynx	Rima glottidis	Thyroid cartilage
Ventricular folds (false vocal cords)	Vocal folds (true vocal cords)	

3. TRACHEA:

Carina	Tracheal cartilage (hyaline)
Trachealis muscle	Pseudostratified ciliated columnar
Seromucous gland	Hyaline cartilage

Digestive System:

1. ORAL CAVITY AND PHARYNX:

Superior labial frenulum	Gingivae	Palatoglossal arch
Palatopharyngeal arch	Hard palate	Soft palate
Uvula	Cheek	Inferior labial frenulum,
Vestibule	Oropharynx	Nasopharynx,
Laryngopharynx	Epiglottis	
Esophagus		

2. TONSILS:

Lingual tonsils

Pharyngeal tonsils

Palatine tonsils

3. SALIVARY GLANDS:

Parotid glands
submandibular glands,
Sublingual glands

Parotid duct (Stensen's)
Submandibular duct (Wharton's)
Lesser sublingual duct (Rivinus)

4. TONGUE:

Body
apex

root
margin

dorsum
lingual frenulum

5. TEETH: (Types and numbers of teeth primary and secondary dentition)

Incisors (4 upper // 4 lower)

Canines (2 upper // 2 lower)

Premolars (4 upper // 4 lower)

Molars (6 upper // 6 lower)