

BIOLOGY 306 COMPARATIVE ANATOMY
LAB # 9
ANATOMY OF THE CAT:
Digestive System and Respiratory System
Quiz Diagrams: 37.3 (p. 358), 37.8 (p. 362), 37.10 (p. 363)

I. ANATOMY OF THE CAT

A. Digestive and Respiratory Systems, Ch. 37, p. 355-369

Find the following on the prepared bisection of the head, p 357, Figures 37.3-37.4:

Oral cavity	Trachea
Oropharynx	Glottis
Nasopharynx	Palatine tonsil
Laryngopharynx	Vallate papillae
Nasal cavity	Foliate papillae
Hard palate	Fungiform papillae
Auditory tube opening	Filiform papillae
Epiglottis	Lingual frenulum
Esophagus	

On your car, find the following structures:

SALIVARY GLANDS AND DUCTS

Parotid gland
Mandibular gland
Sublingual gland

DIGESTIVE TUBE (ALIMENTARY CANAL)

Esophagus	Colon
Stomach	cecum
Small intestine	ascending colon
duodenum	transverse colon
jejunum	descending colon
ileum	rectum
	anus

ACCESSORY DIGESTIVE ORGANS

Liver	Gall bladder
right lateral lobe	Common bile duct
right medial lobe	Pancreas
left lateral lobe	Spleen
left median lobe	
caudate lobe	
quadrate lobe	

RESPIRATORY SYSTEM

Lungs (right and left with 3 lobes each)