

Esophagus	Mucosa			Submucosa	Muscularis externa	Serosa ? Adventitia?
	Epithelial lining	Lamina propria	Muscularis mucosa		2 LAYERS	
	Non-Keratinized <b>Stratified Squamous</b> Epithelium	-	-	Contain glands , <b>Meissner's plexus</b>	(upper 1/3 skeletal, middle 1/3 mixed, lower 1/3 smooth) - <b>Inner circular</b> layer. - <b>Outer longitudinal</b> layer. <b>Auerbach's (myenteric) plexus</b> in between the 2 layers	- <b>Serosa</b> in abdominal part  - <b>Adventitia</b> in cervical and thoracic part
Fundus of the stomach	Simple <u>columnar</u> mucus secreting cells.	<b>Fundic Glands</b> Short pits with simple branched glands .It is rich in parietal and chief cells.	-	-	3 LAYERS	<b>Serosa ONLY</b>
					-Inner <u>oblique</u> layer. -Middle <u>circular</u> layer. -Outer <u>longitudinal</u> layer. + <b>Auerbach's(myenteric) plexus.</b>	
Pylorus of the stomach	Simple columnar mucus-secreting cells.	Loose C.T contains pyloric gland. <b>Pyloric Glands:</b> Deep pits with branched and convoluted glands.	-	-	2 LAYERS	<b>Serosa ONLY</b>
					-Inner circular layer. -Outer longitudinal layer. + <b>Auerbach's(myenteric) plexus</b>	
Duodenum	<b>Mucosa of Duodenum : Crypts and villi</b>			Contains <b>Brunner's glands</b> which secrete mucus.	2 LAYERS	Upper(1st) part : <b>Serosa</b>  2nd & 3rd parts : <b>Adventitia</b>
	- <b>Villi</b> : Simple columnar epithelium absorptive cells <b>with goblet cells.</b> - <b>Crypts of lieberkuhn</b> Simple columnar epith. <b>With goblet cells,</b> stem cells, enteroendocrine cells, and Paneth cells( <b>Paneth cells located in base of crypt).</b>	-	-		- Inner <u>circular</u> layer.  -Outer <u>longitudinal</u> layer.	
Ileum	<b>Mucosa of ileum : Crypts and villi</b>			-	2 LAYERS	<b>Serosa</b>
	Similar to the duodenum, Simple columnar epithelium <b>with goblet cells.</b>	Has lymphoid nodules ( <b>Peyer's patches</b> ) that extend to the submucosa.	-		- Inner <u>circular</u> layer.  -Outer <u>longitudinal</u> layer.	

Colon	<b>Mucosa of colon : Crypts ONLY</b>			-	<b>2 LAYERS</b>	<b>Serosa</b>  (has appendices epiploicae)
	Simple columnar epithelium with goblet cells.	Contains frequent lymphatic nodules	-		-Inner circular layer. -Outer longitudinal layer. (has Teniae coli)	
	<b>Cells lining the crypts are:</b> 1. Surface columnar absorptive cells. 2. Goblet cells. 3. Enteroendocrine Cells. 4. Stem cells. 5. M-cells					
Appendix	<b>Mucosa of Appendix : shallow Crypts ONLY</b>			-	<b>2 LAYERS</b>	<b>Serosa</b>
	Similar to the colon, Simple columnar epithelium with goblet cells.	Contains lymphatic nodules.	-		-Inner circular layer. - Outer longitudinal layer	
GallBladder	<b>Mucosa of GallBladder : highly folded</b>			-	-	<b>Srosa or adventitia</b>
	Simple columnar epithelium	contains mucous glands in the neck of gallbladder	-			