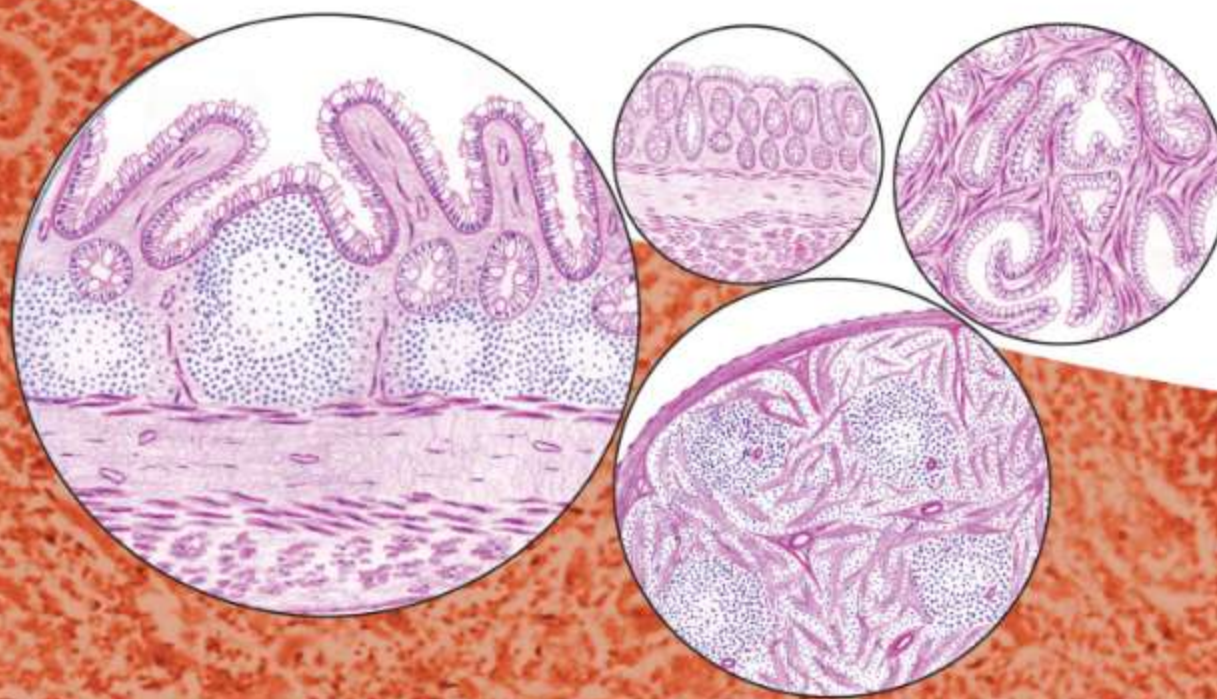


# HISTOLOGY

## PRACTICAL MANUAL



**3<sup>rd</sup> Edition**

**Balakrishna Shetty**  
**Sweekritha H Poonja**

*Foreword*  
**Chitra Prakash Rao**



## 1. SIMPLE EPITHELIUM



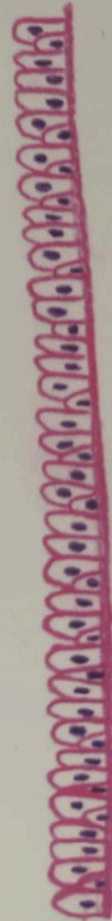
Simple Squamous Epithelium



Simple Cuboidal Epithelium



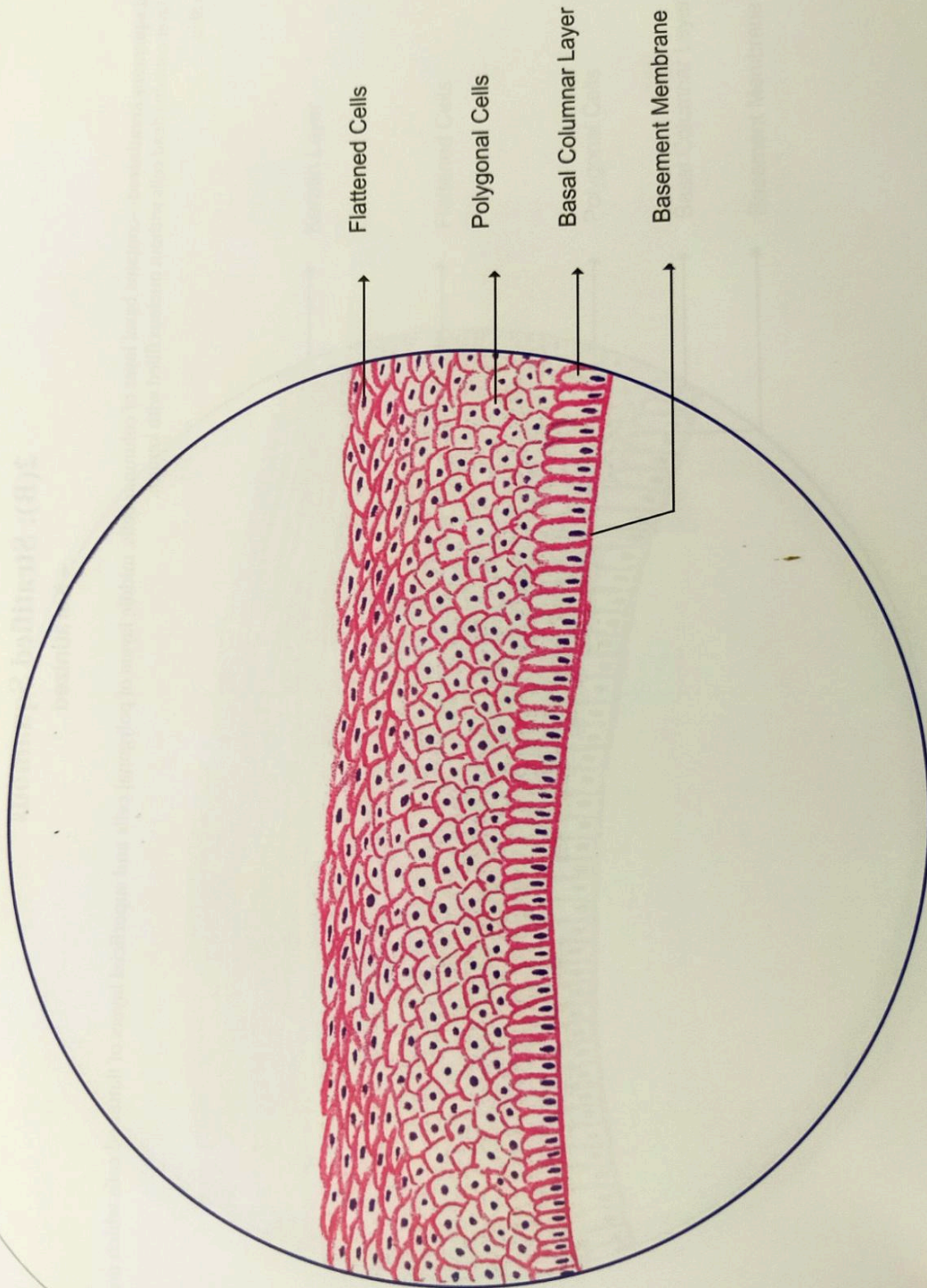
Simple Columnar Epithelium



Pseudostratified Columnar Epithelium

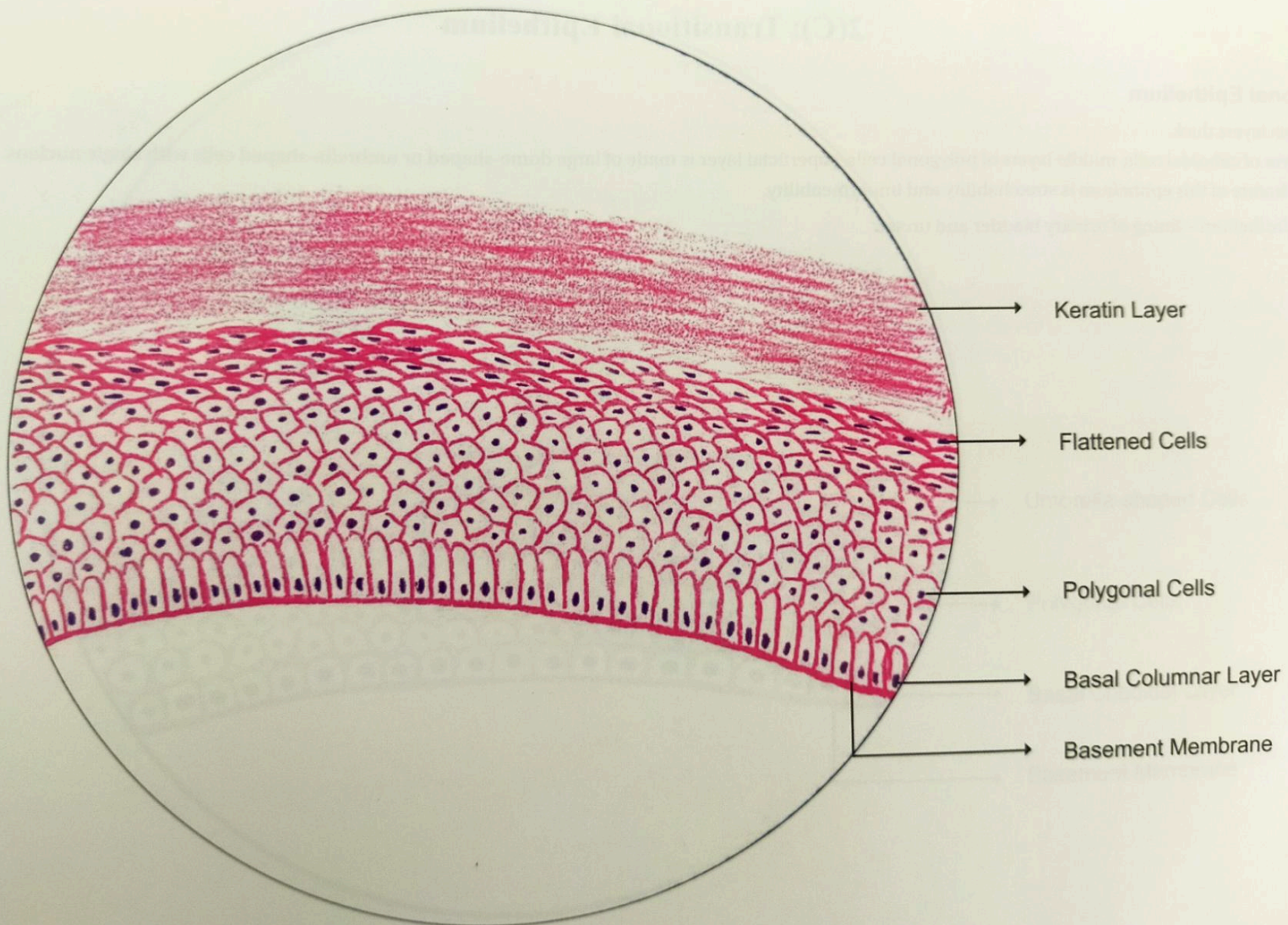


## 2(A). STRATIFIED SQUAMOUS (NON-KERATINIZED)



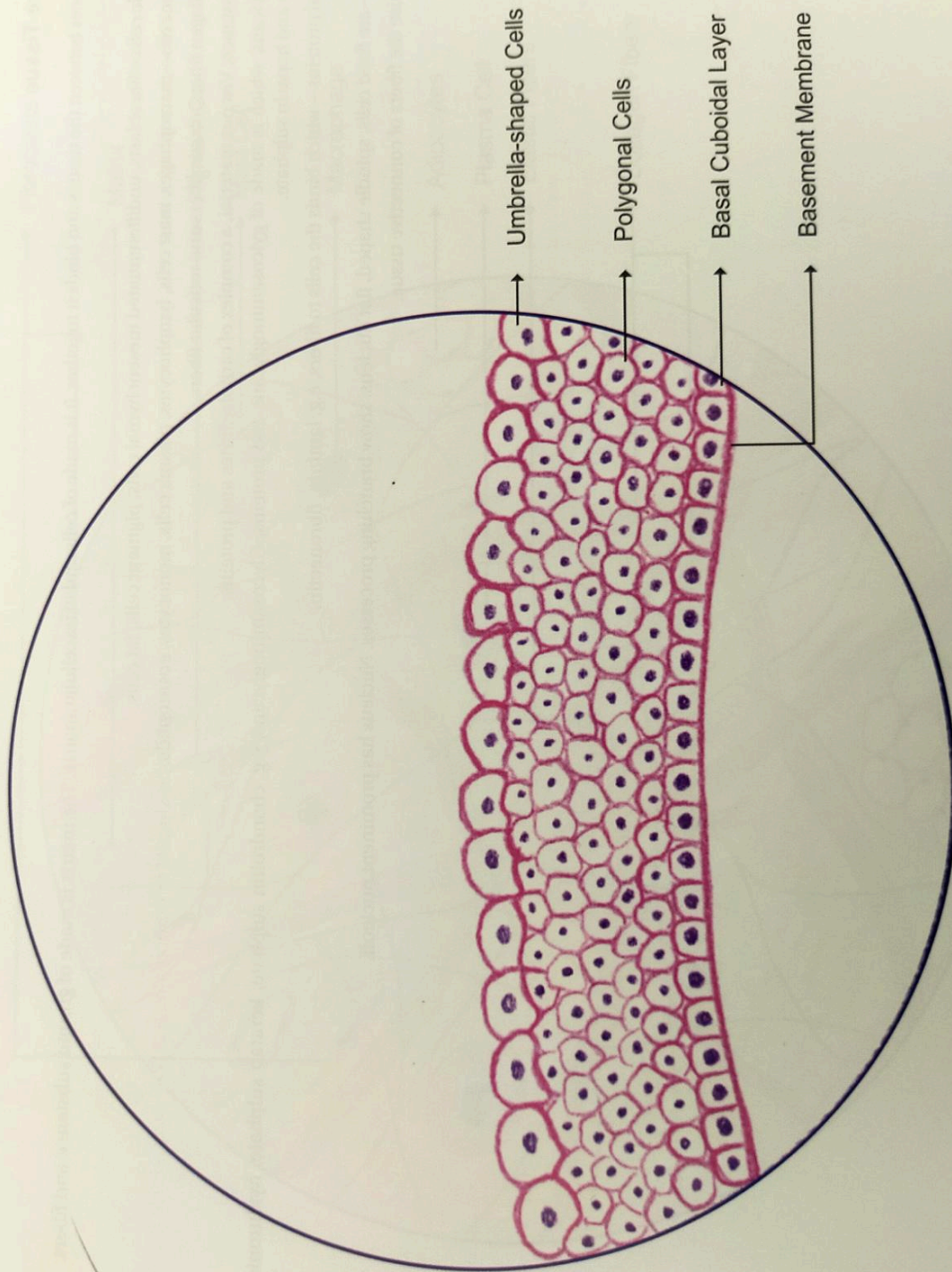


## 2(B). STRATIFIED SQUAMOUS (KERATINIZED)



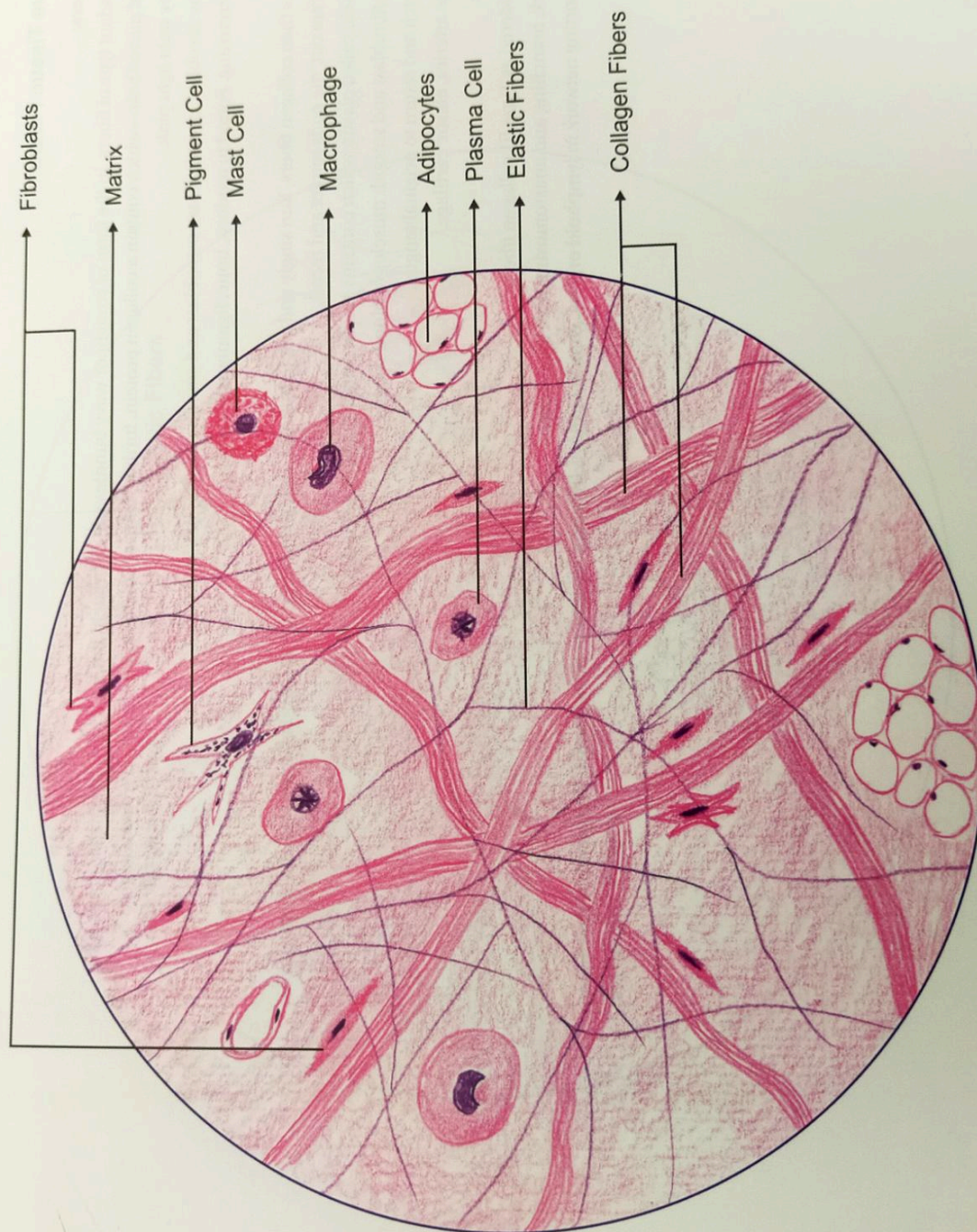


## 2(C). TRANSITIONAL EPITHELIUM



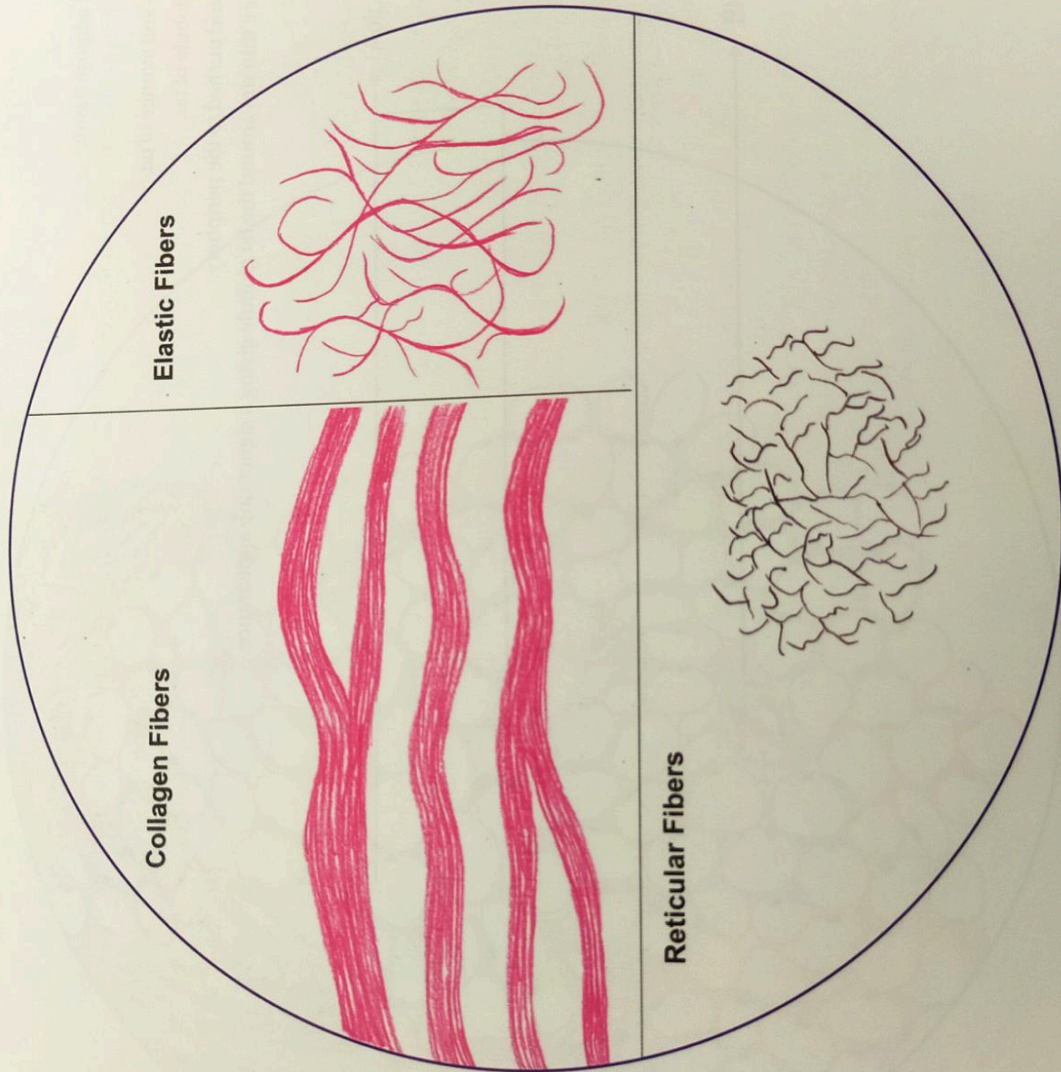


### 3. CONNECTIVE TISSUE



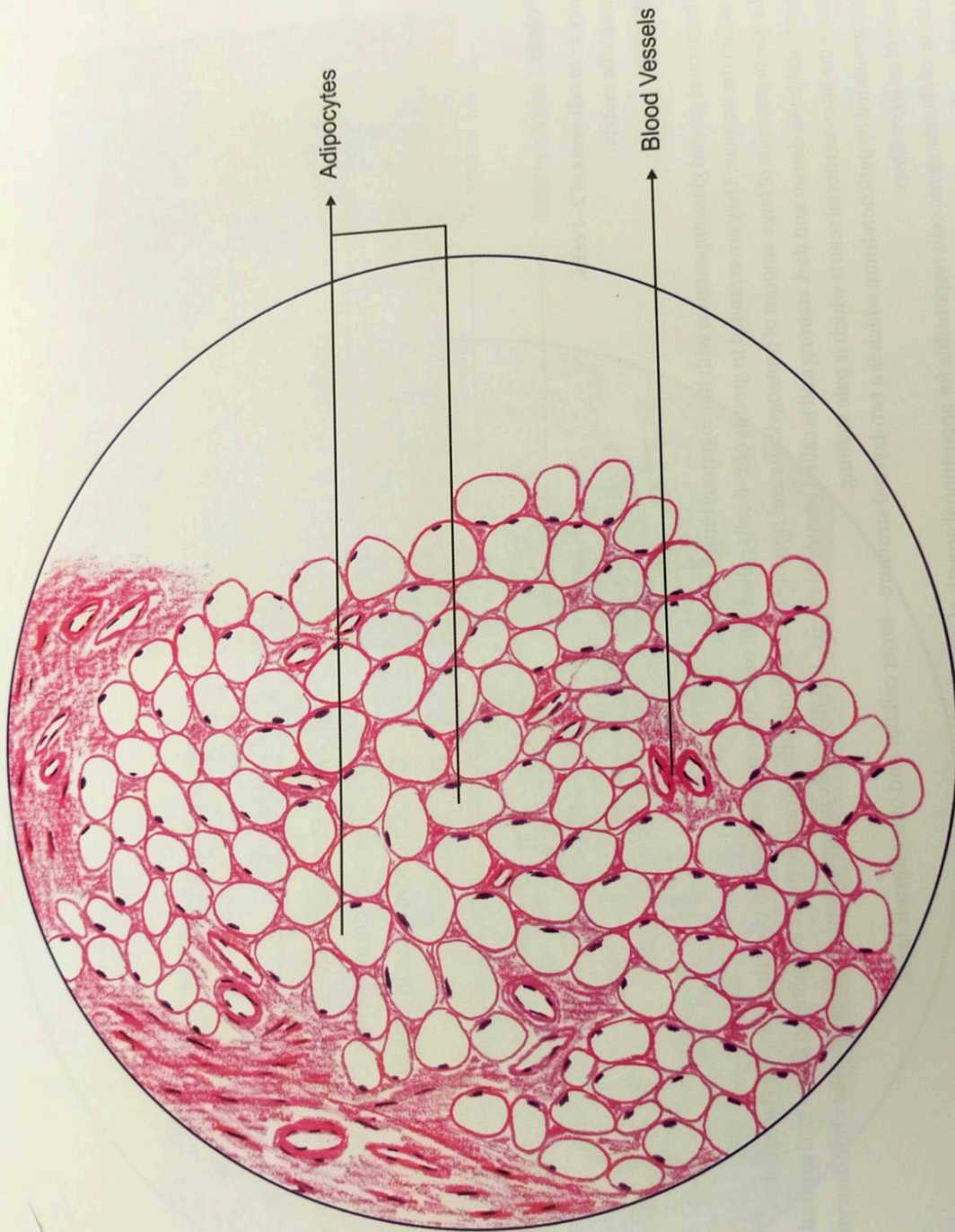


#### 4. CONNECTIVE TISSUE FIBERS



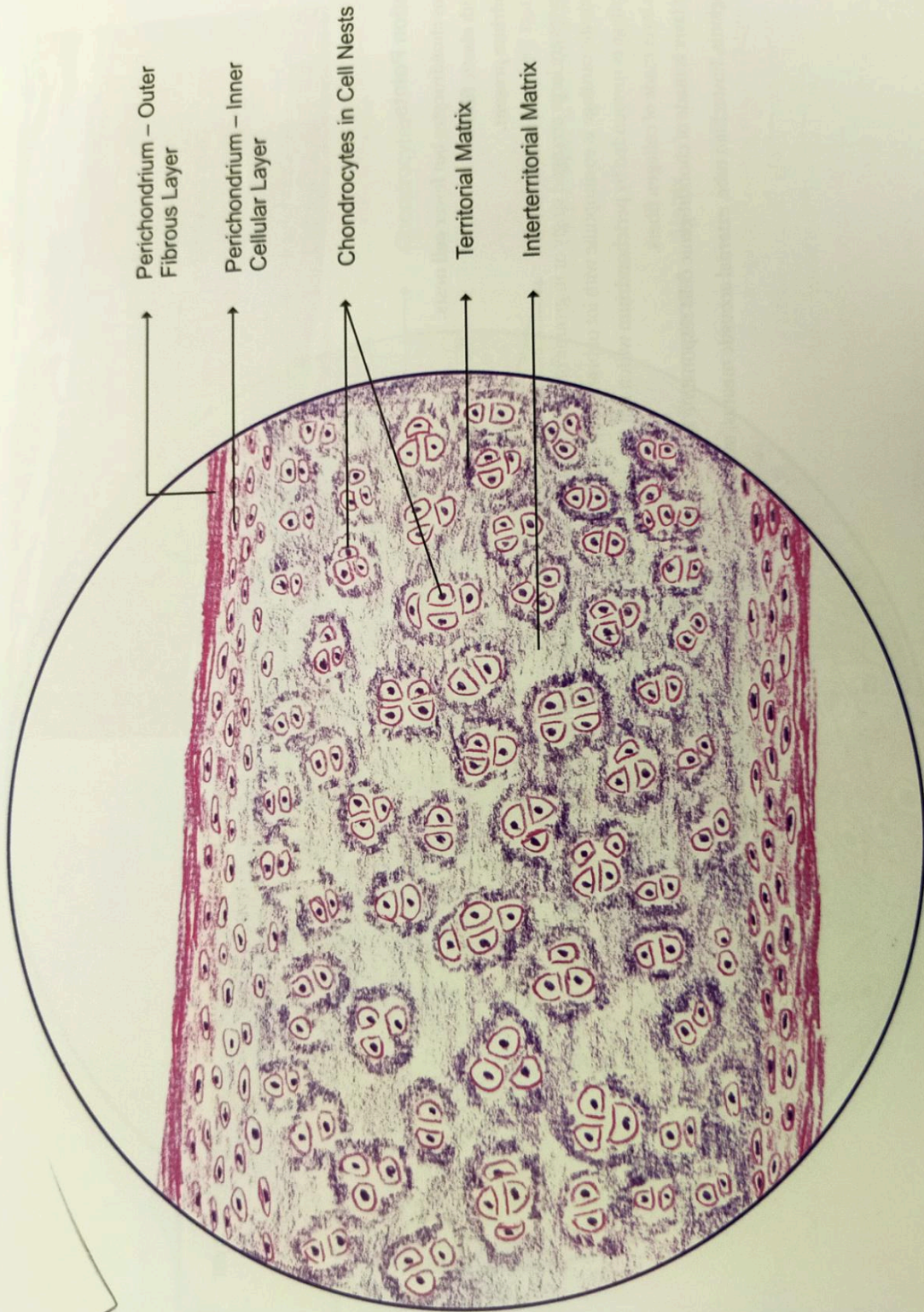


## 5. ADIPOSE TISSUE



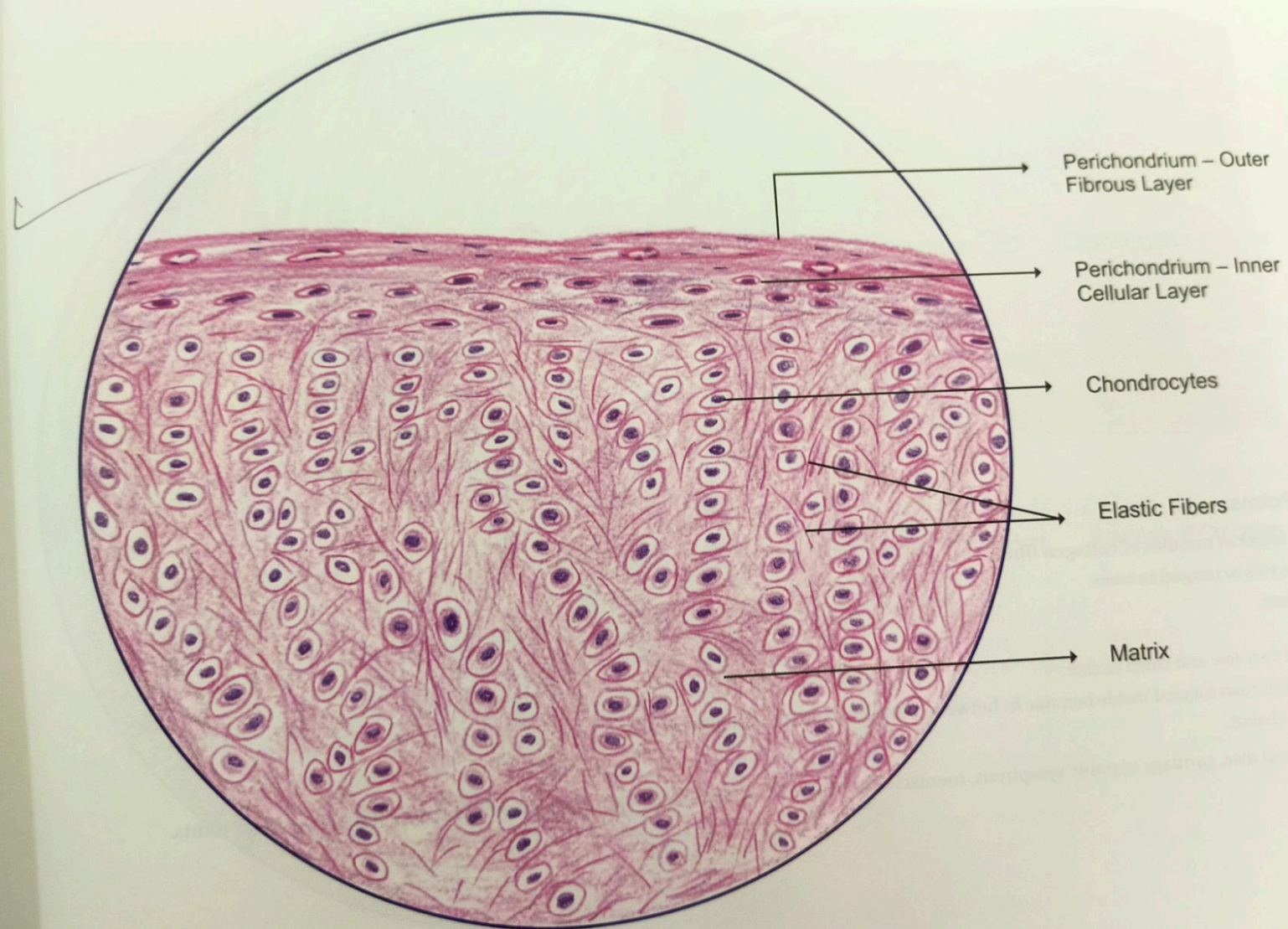


## 6. HYALINE CARTILAGE



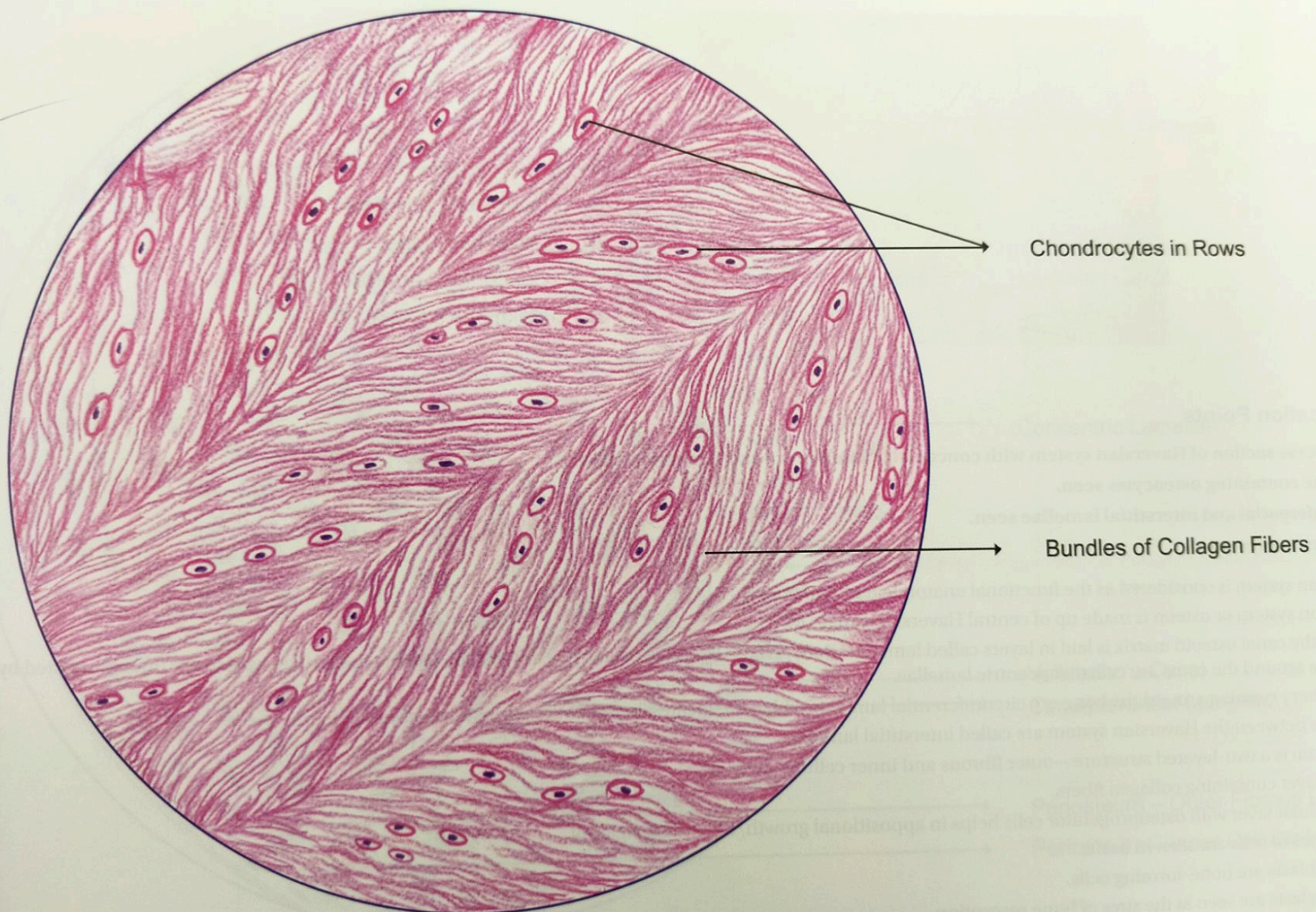


## 7. ELASTIC CARTILAGE



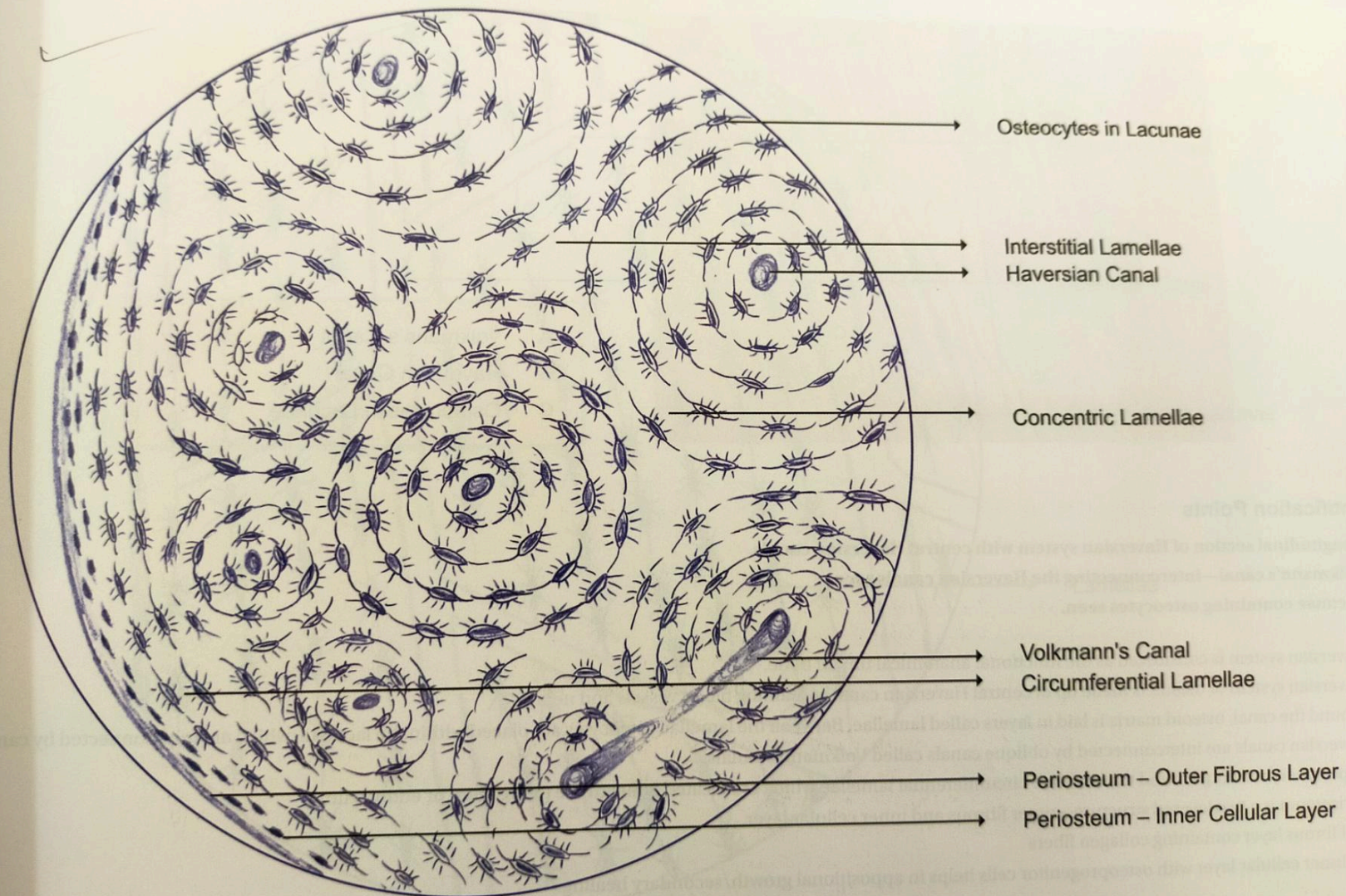


## 8. WHITE FIBROCARILAGE



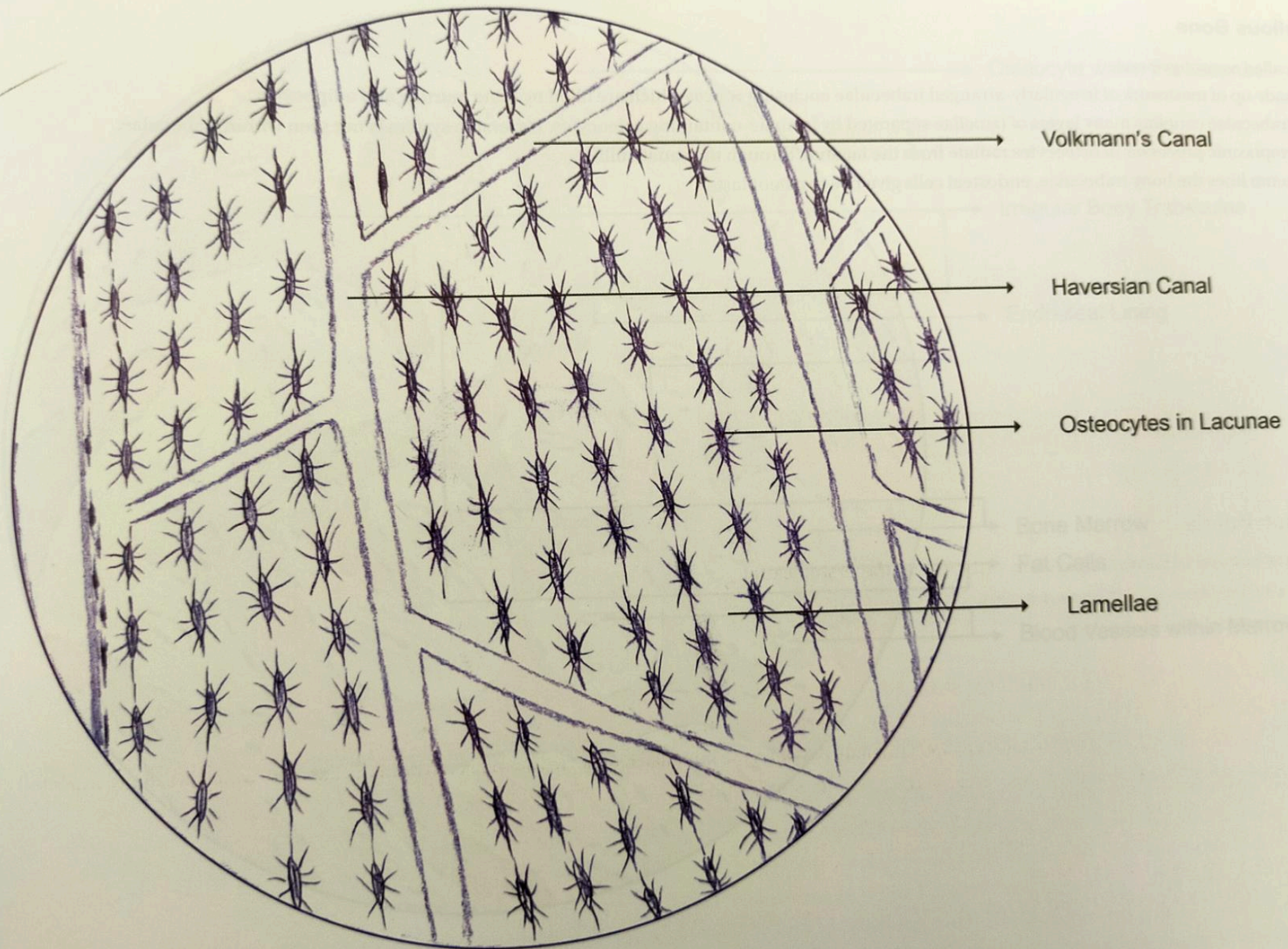


## 9. BONE—TRANSVERSE SECTION



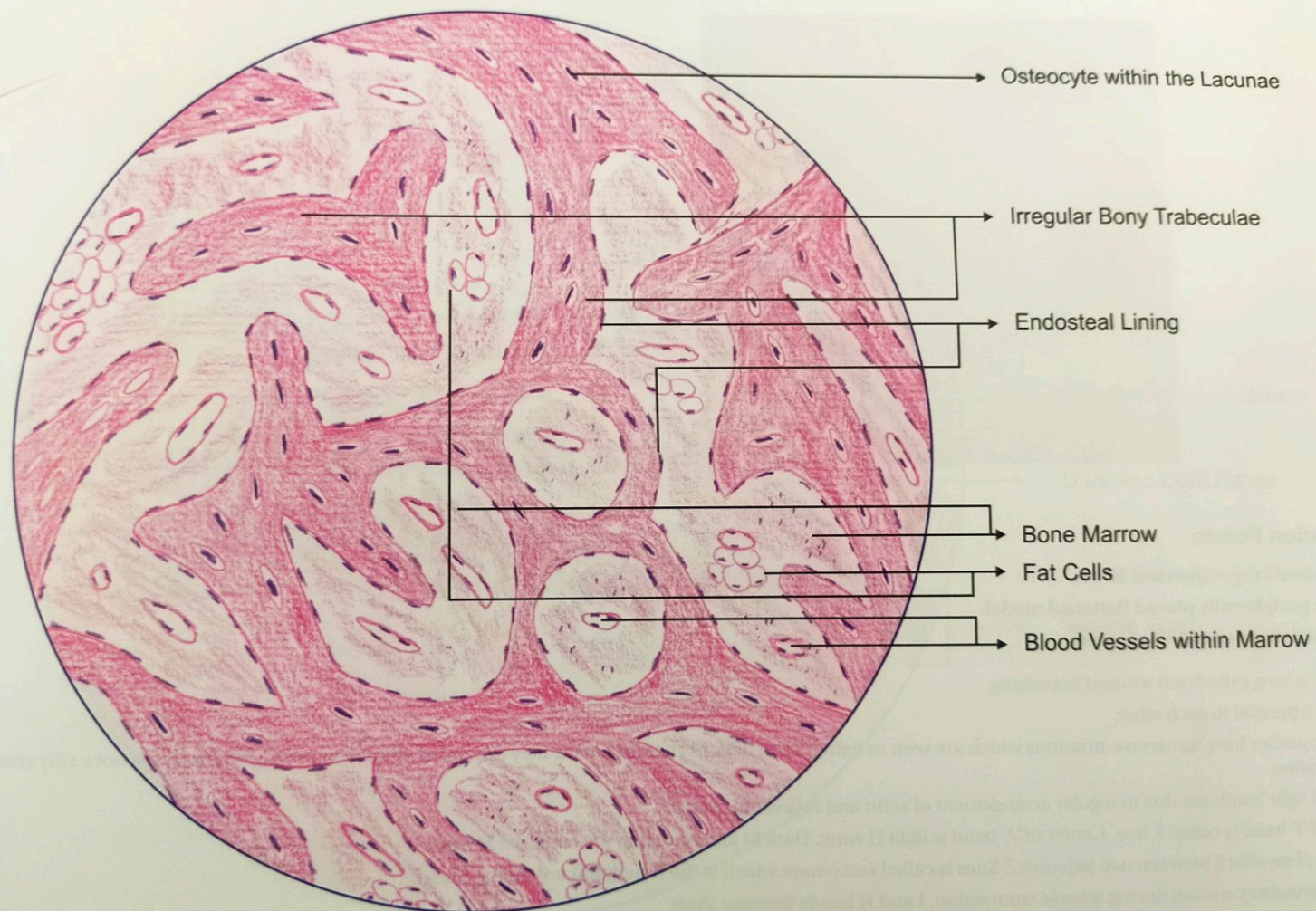


## 10. BONE—LONGITUDINAL SECTION



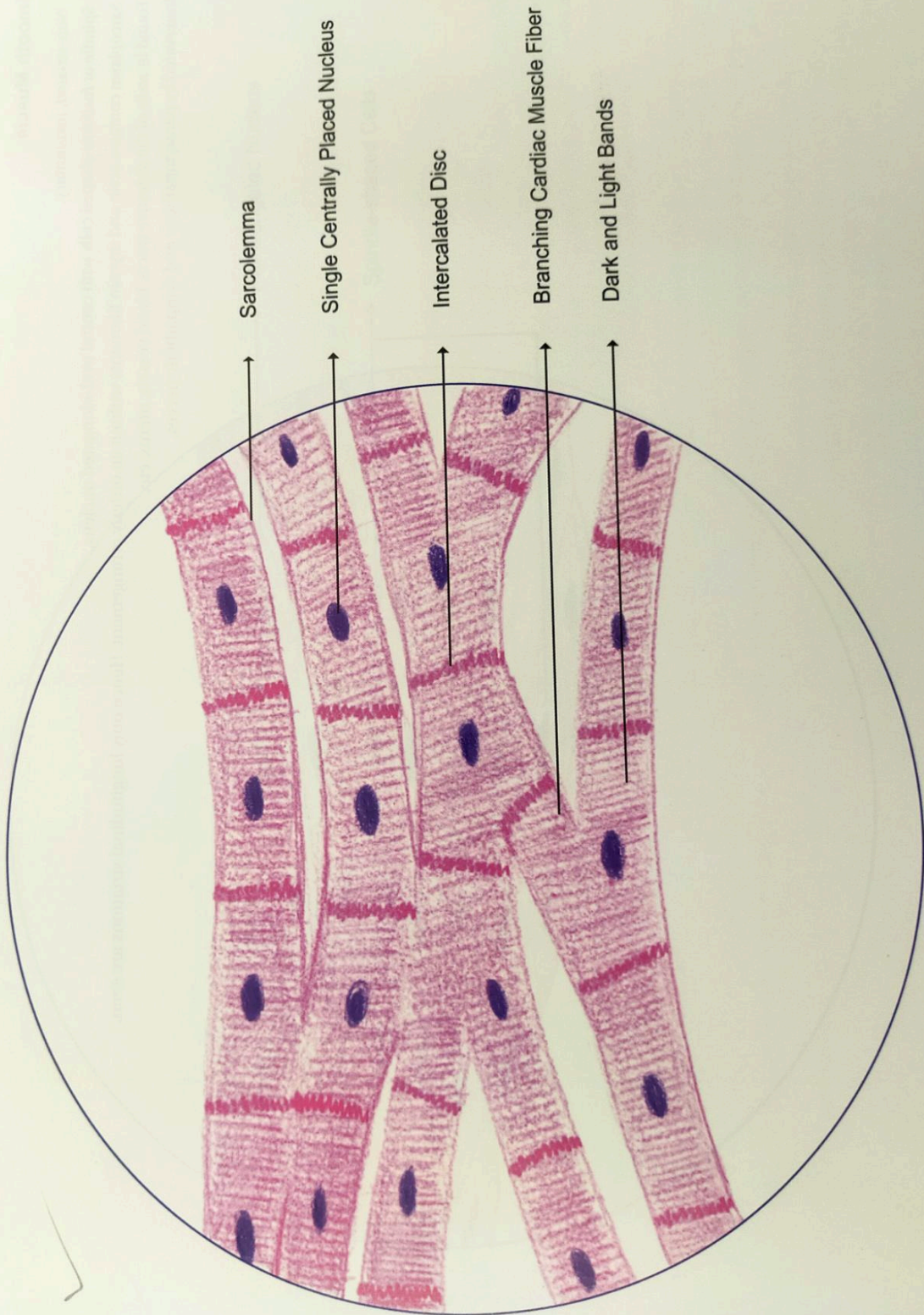


## 11. CANCELLOUS BONE



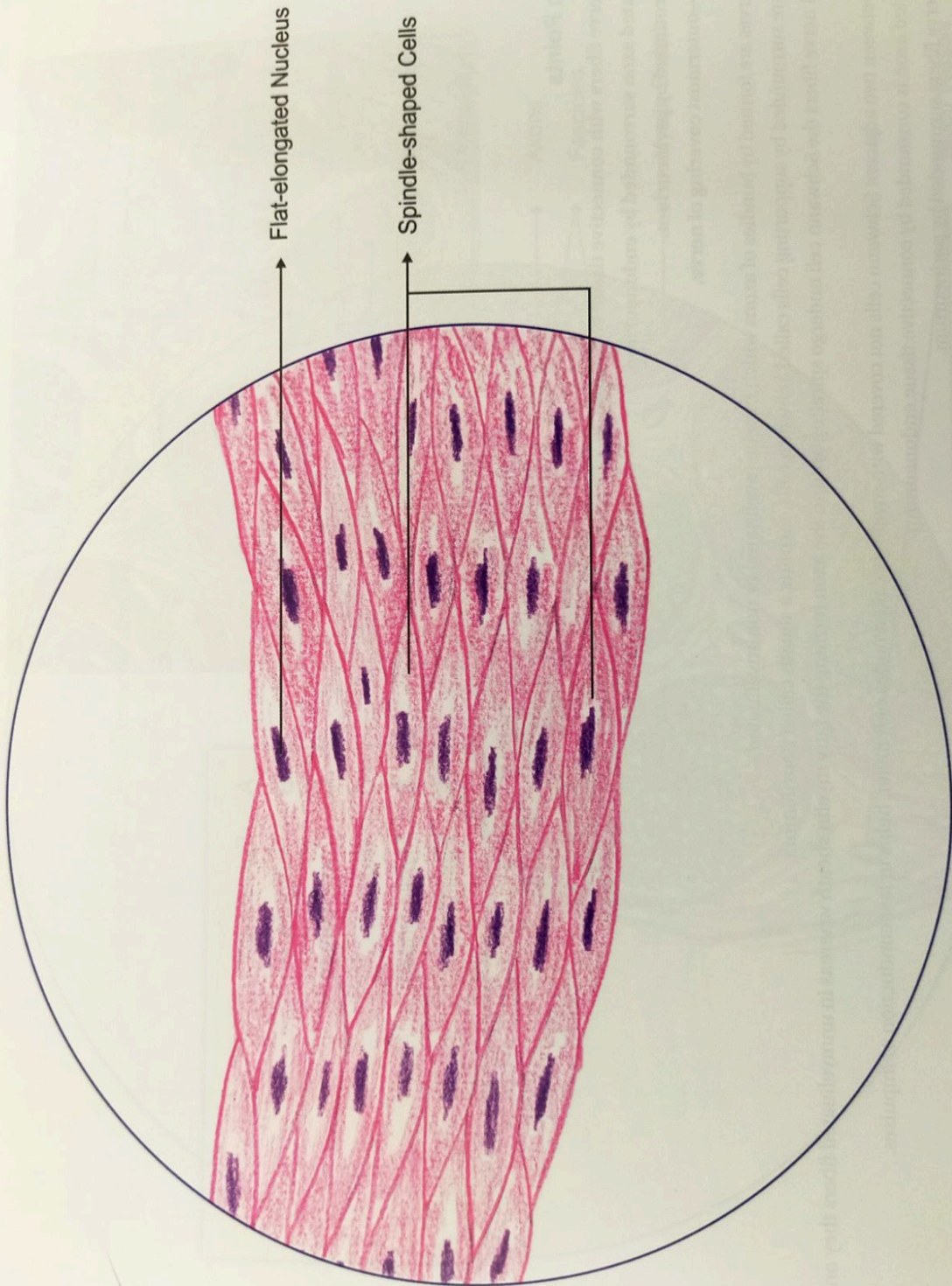


### 13. CARDIAC MUSCLE



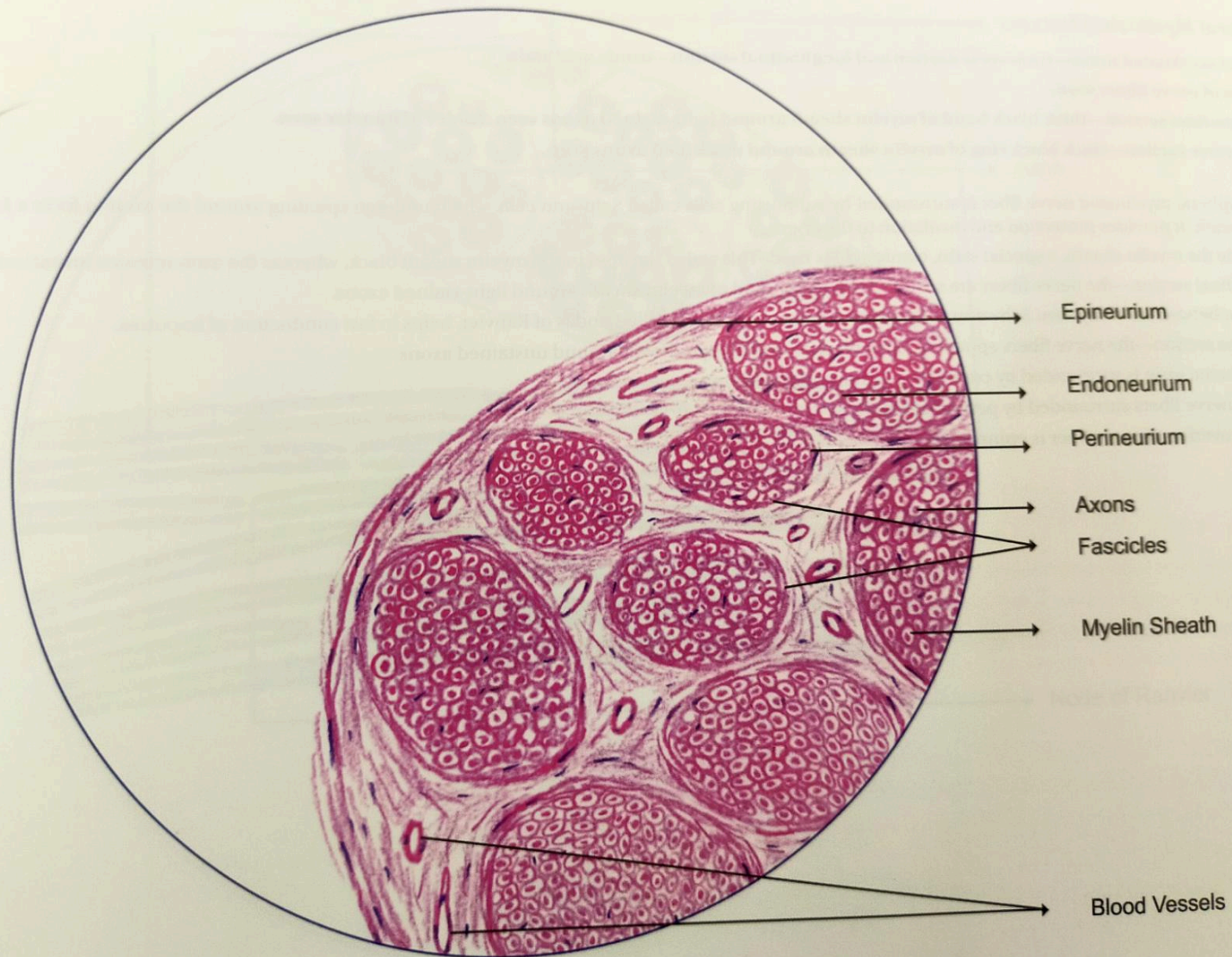


## 14. SMOOTH MUSCLE



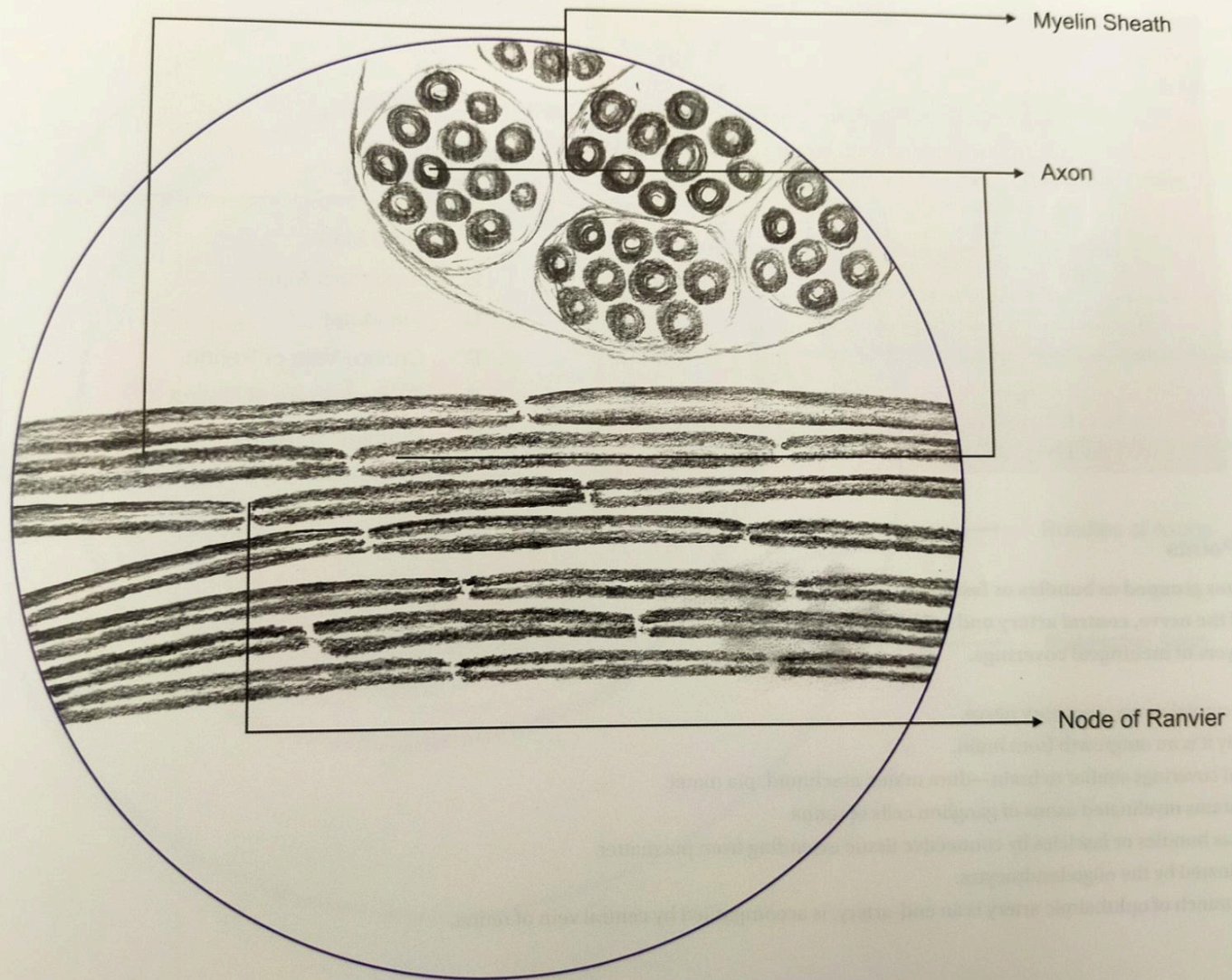


## 15. PERIPHERAL NERVE—TRANSVERSE SECTION



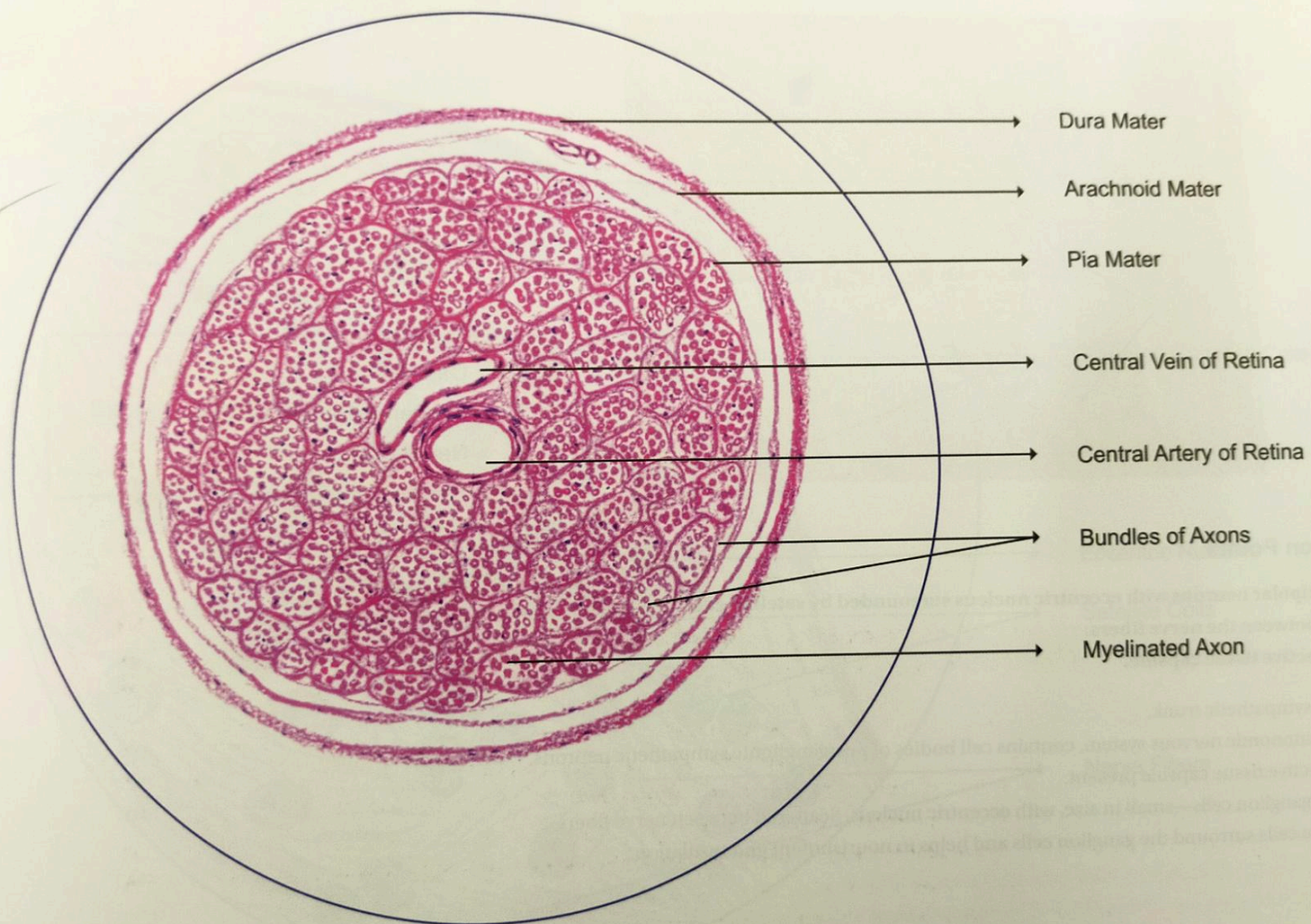


## 16. PERIPHERAL MYELINATED NERVE





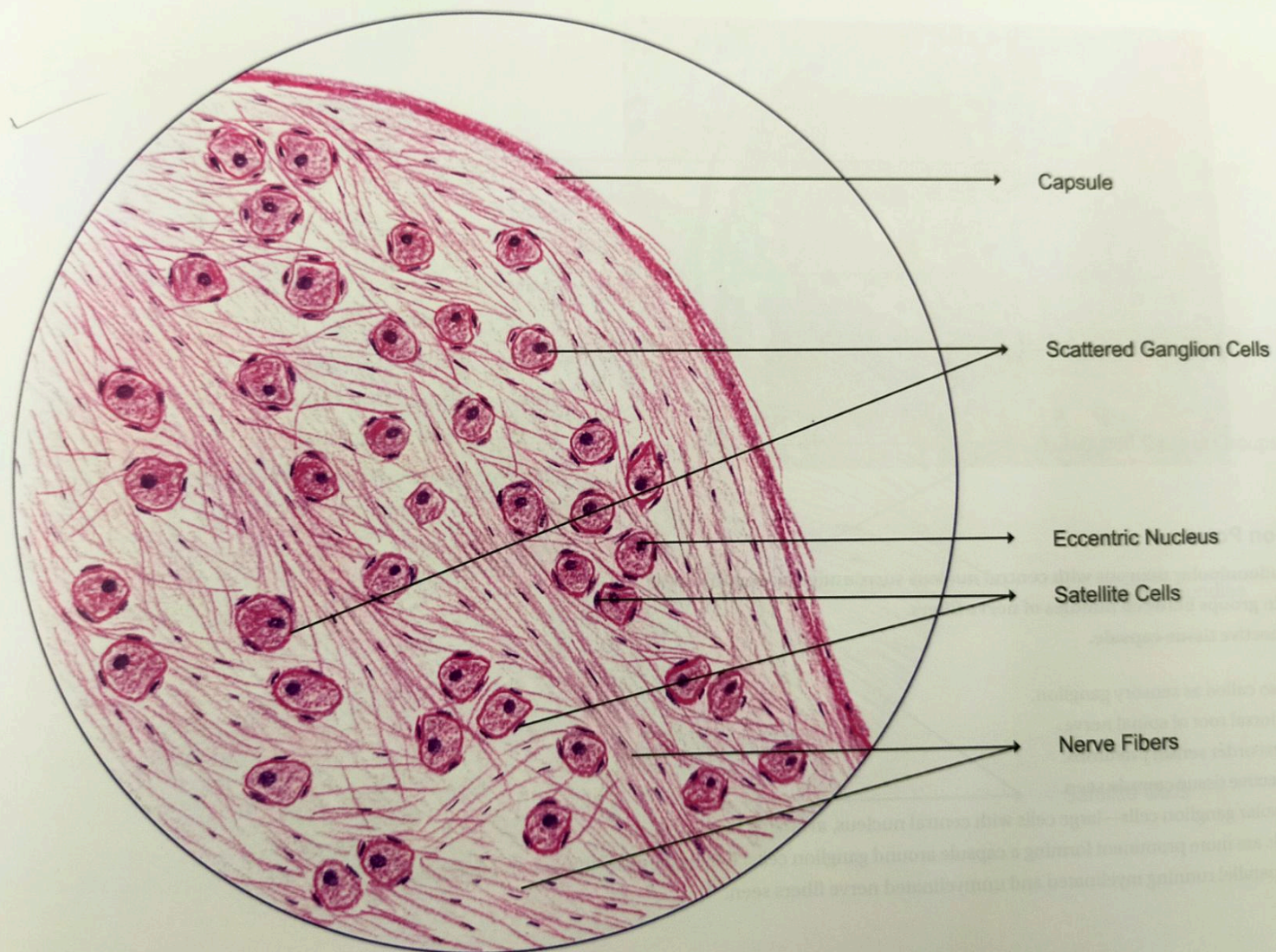
## 17. OPTIC NERVE—TRANSVERSE SECTION





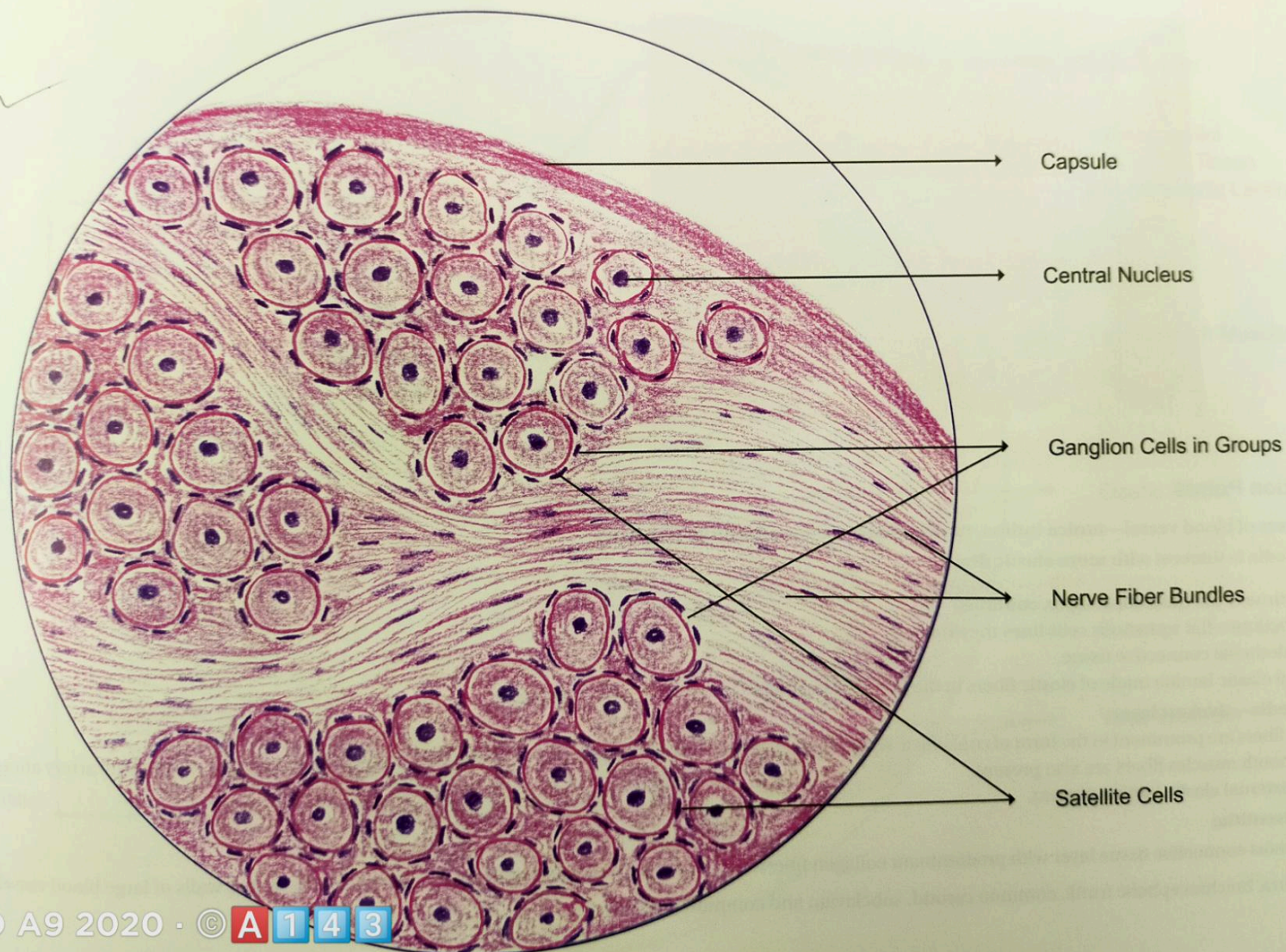
## 18. SYMPATHETIC GANGLION

41



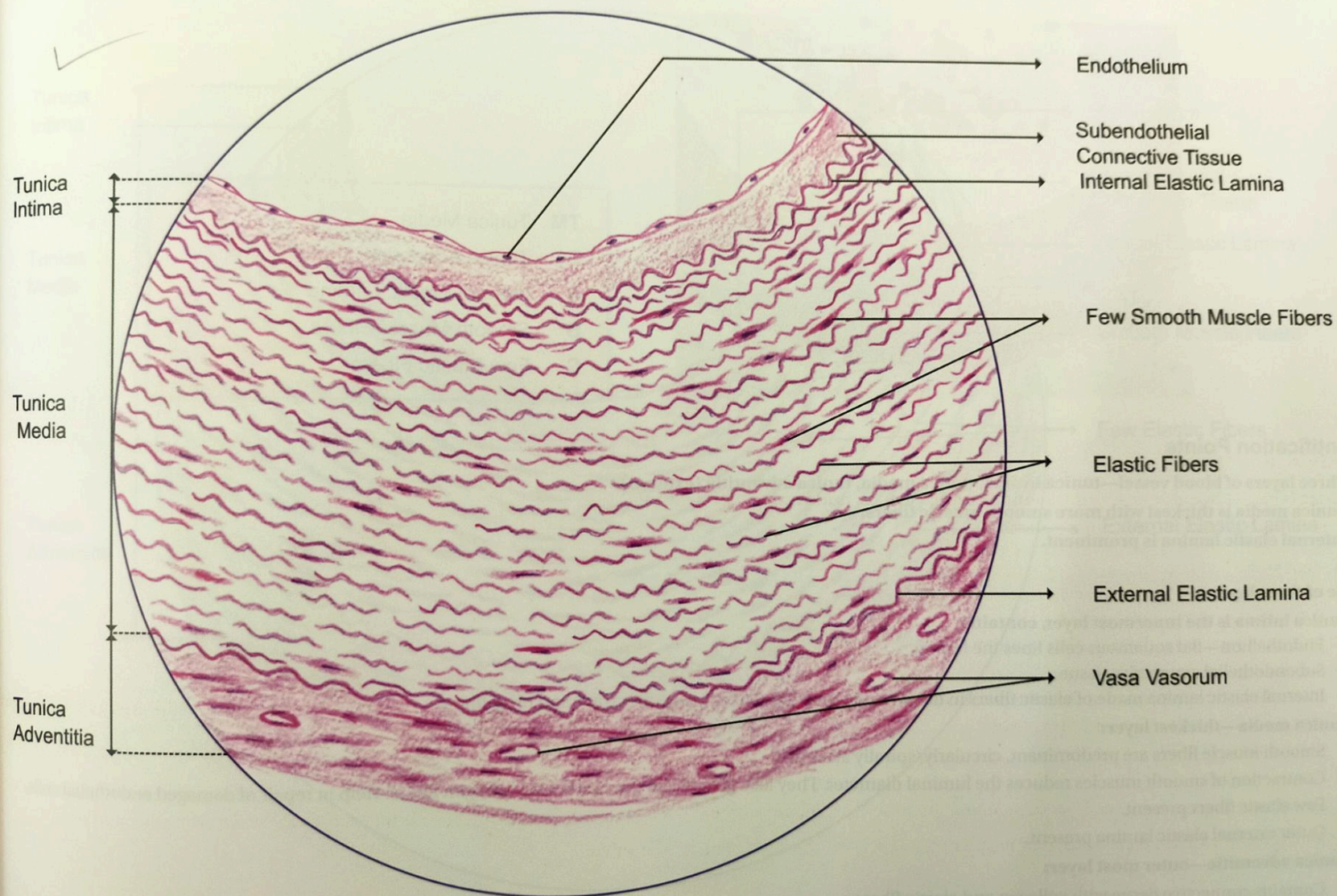


## 19. DORSAL ROOT GANGLION/SPINAL GANGLION



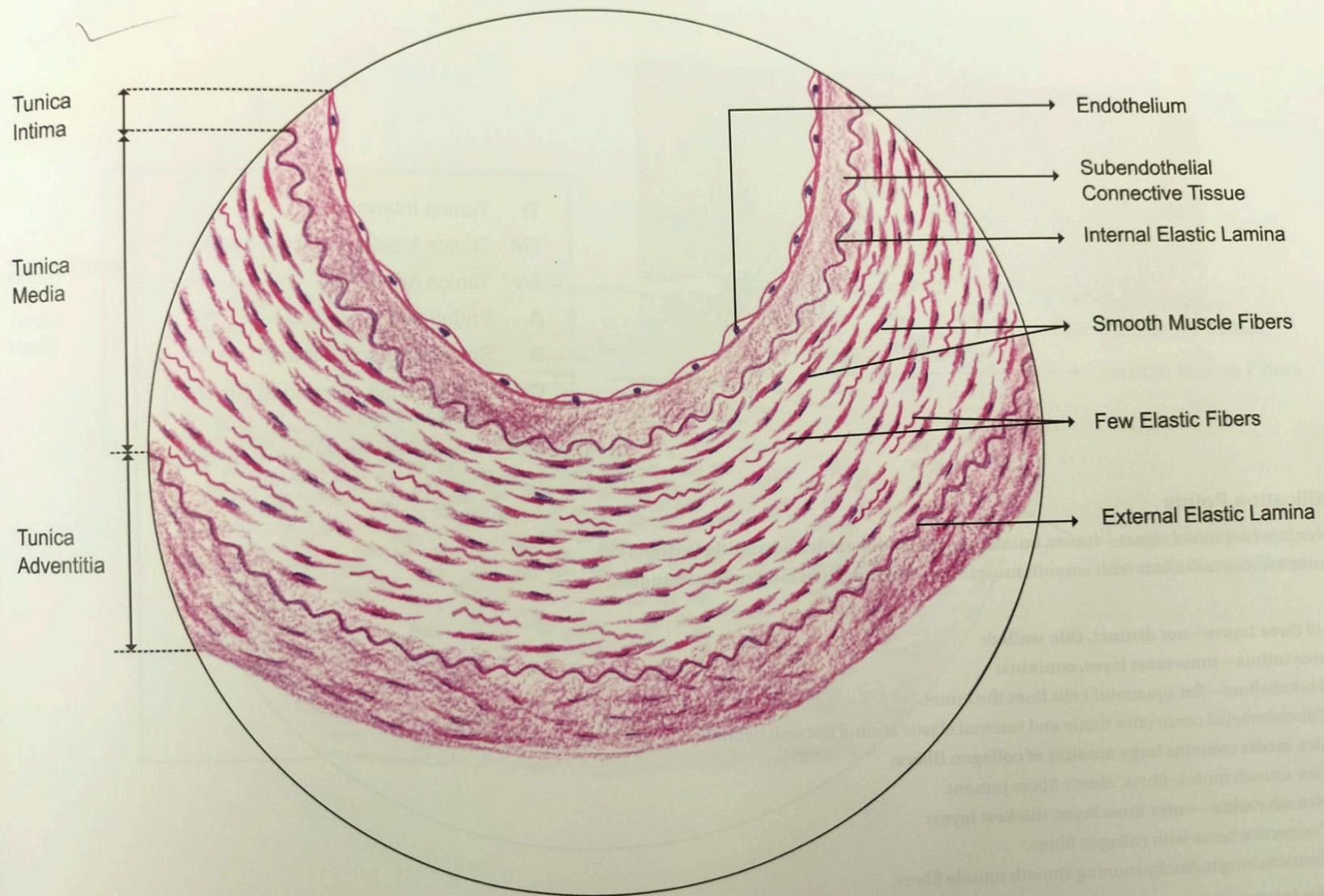


## 20. LARGE ARTERY/ELASTIC ARTERY



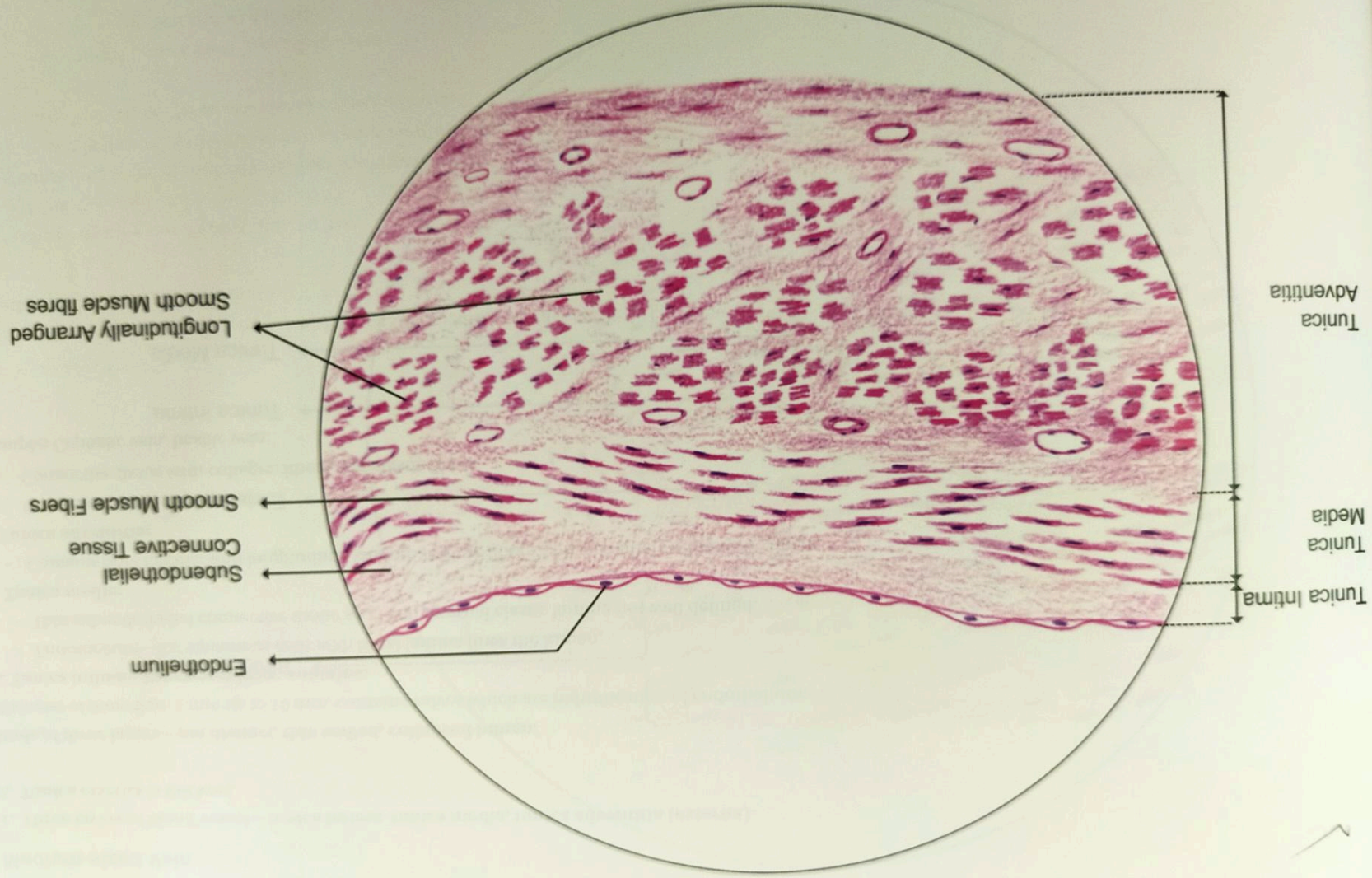


## 21. MEDIUM-SIZED ARTERY/MUSCULAR ARTERY

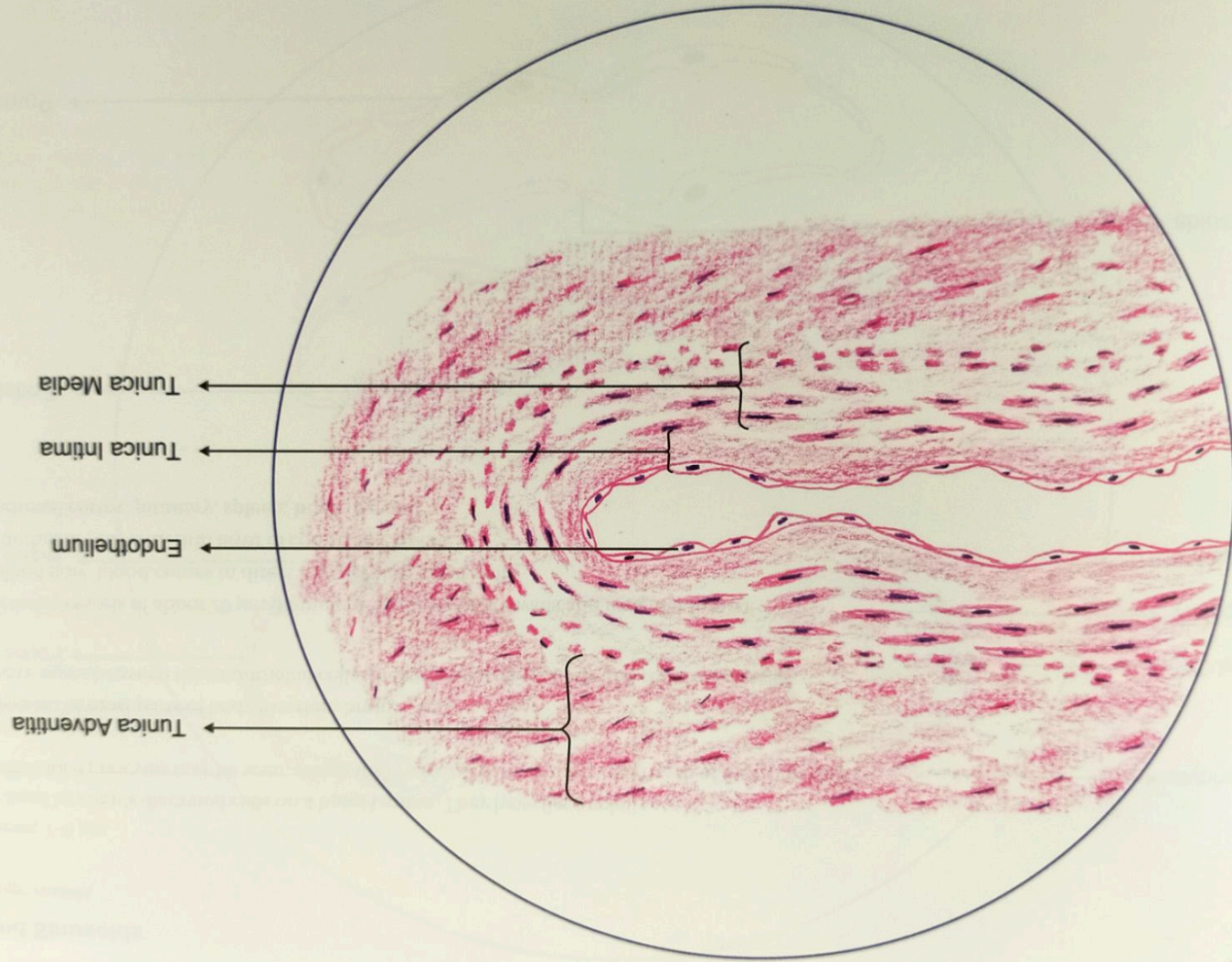




## 22. LARGE VEIN

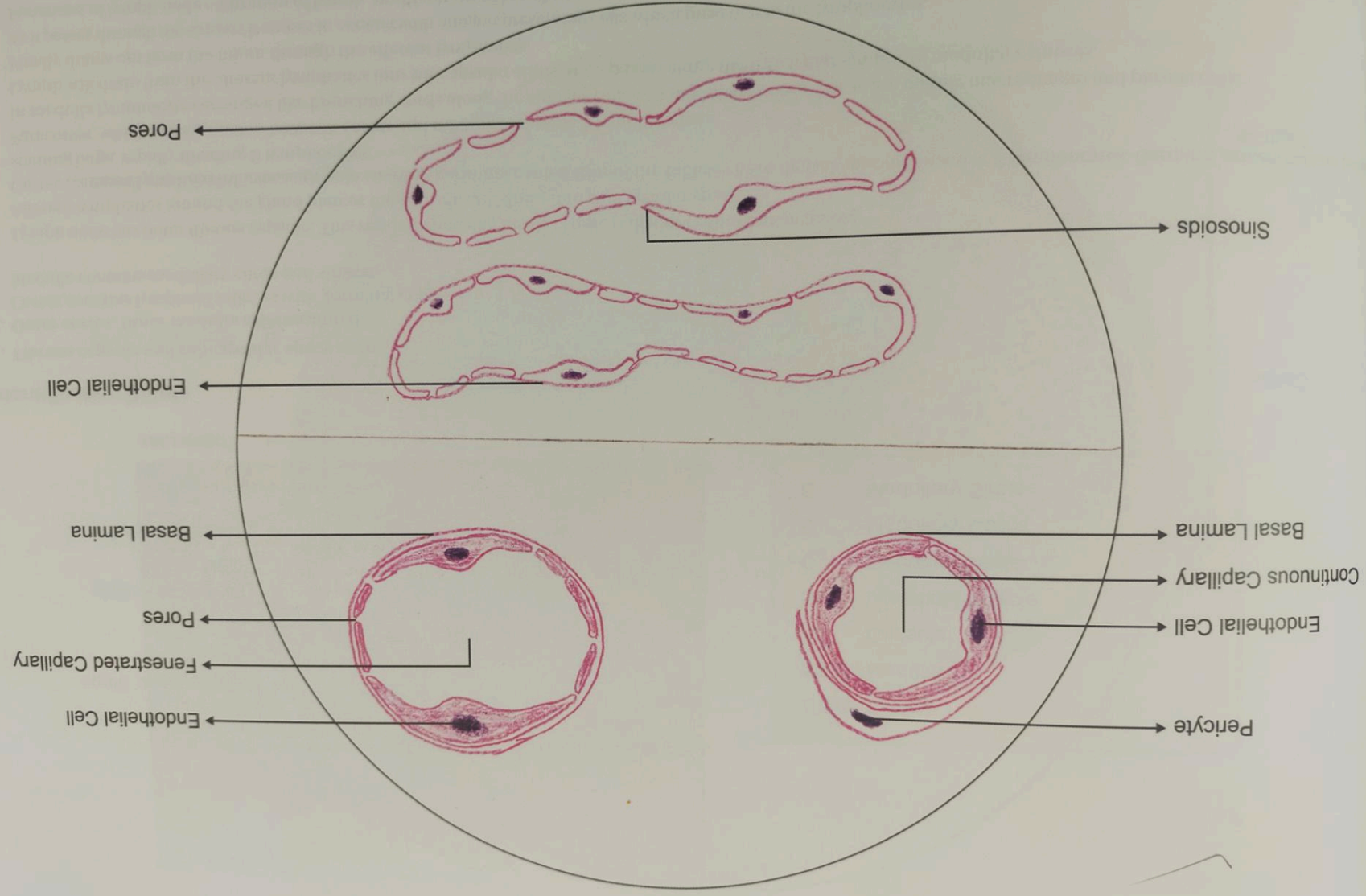






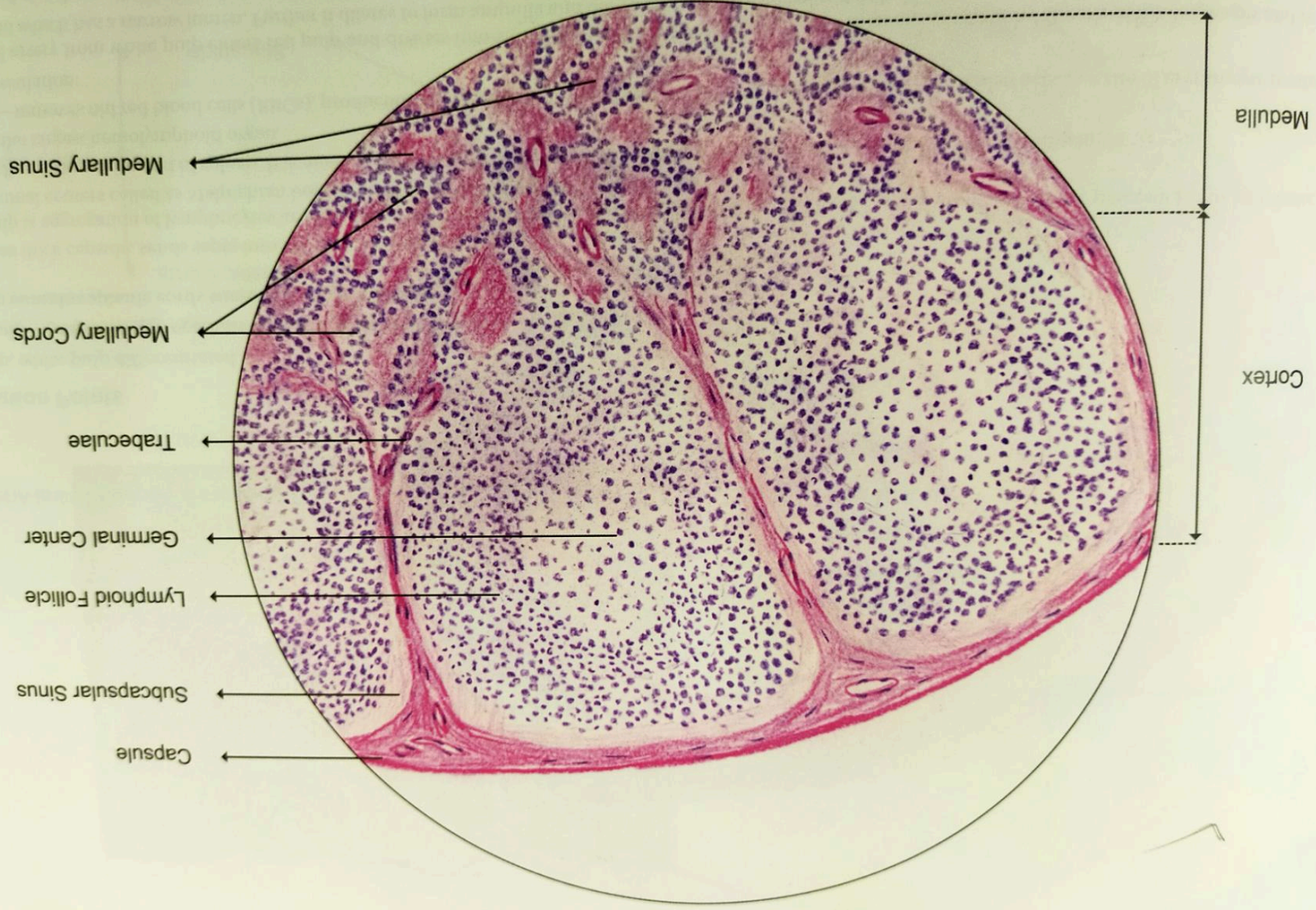
### 23. MEDIUM-SIZED VEIN





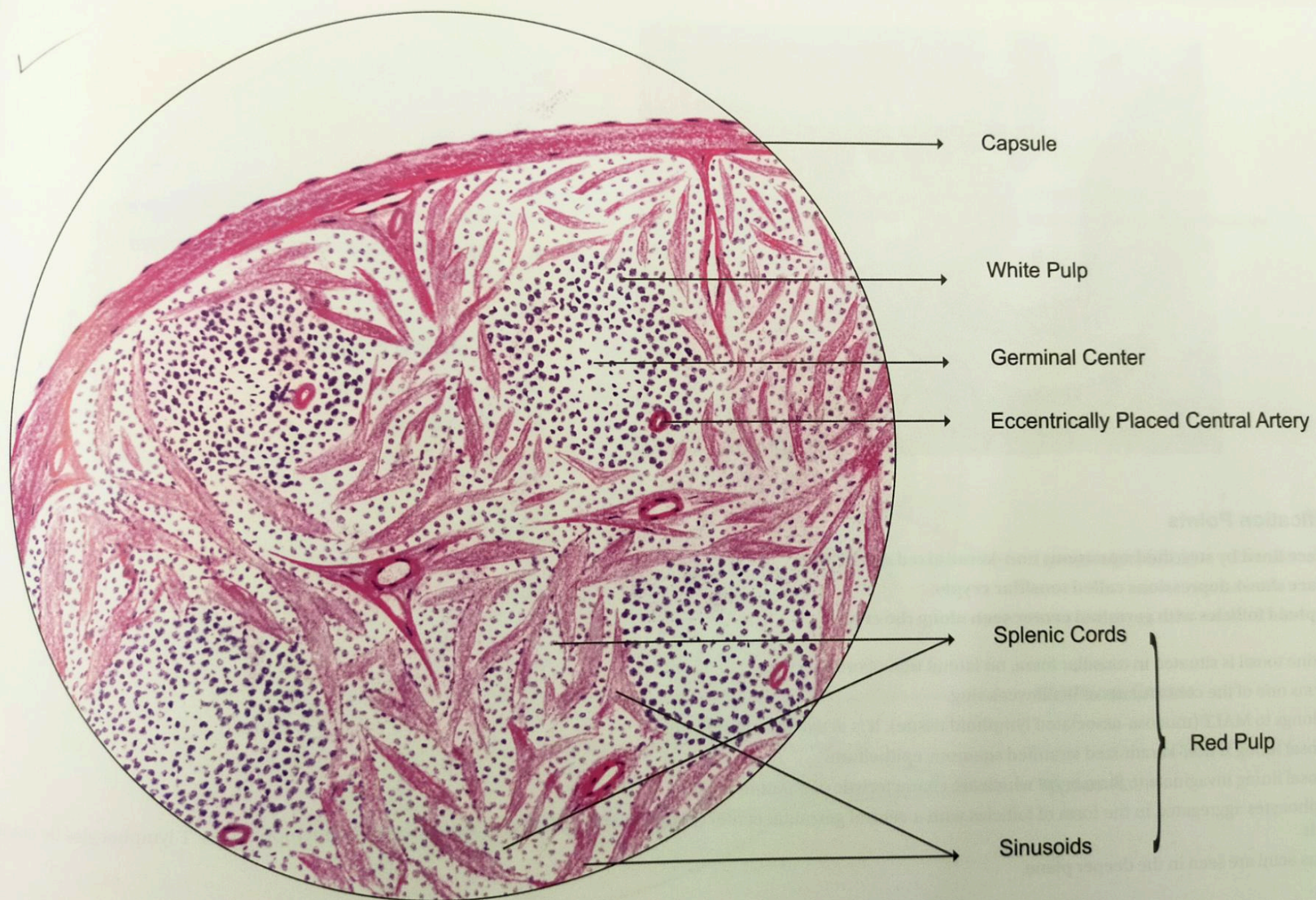


## 25. LYMPH NODE



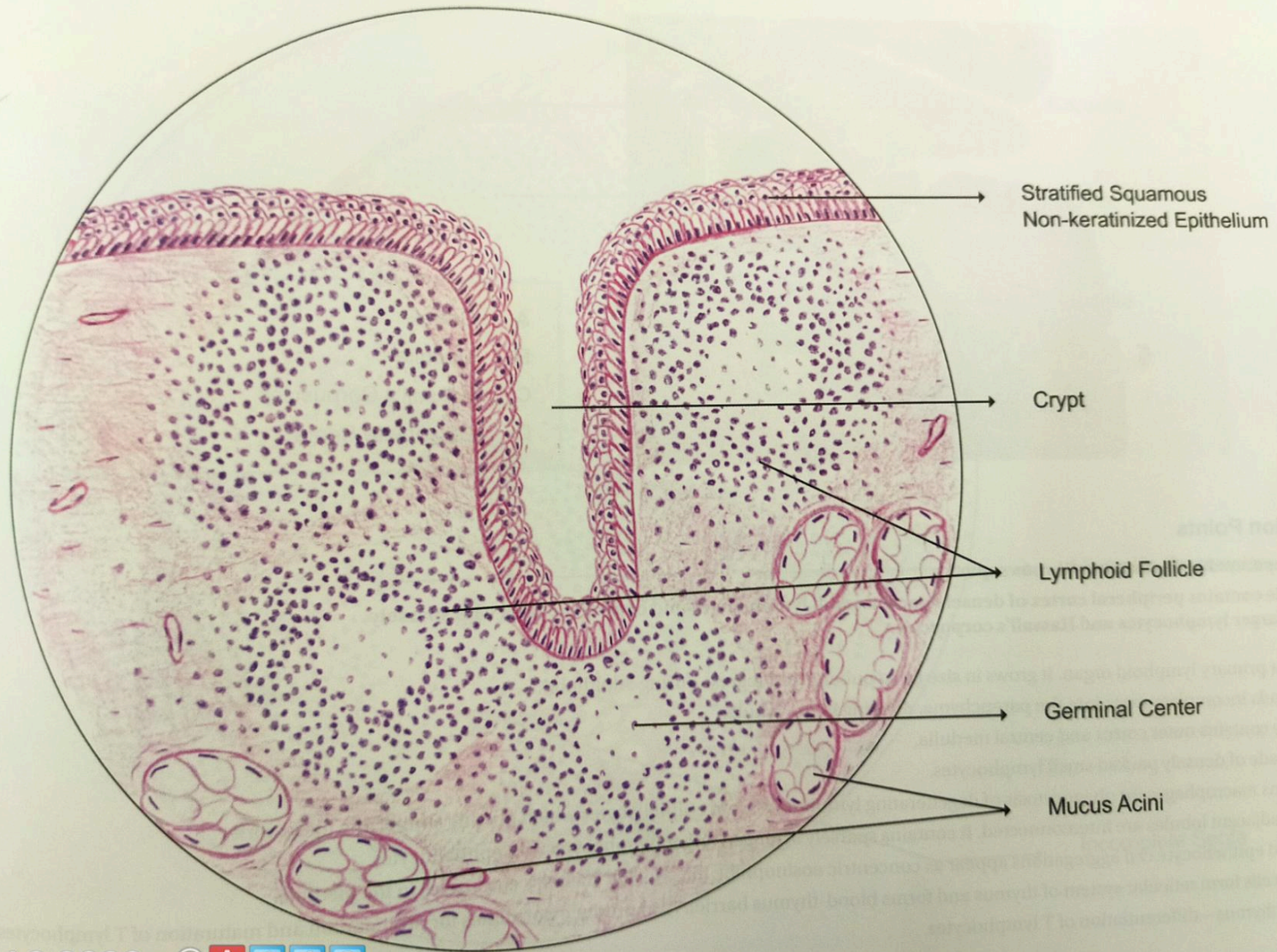


## 26. SPLEEN



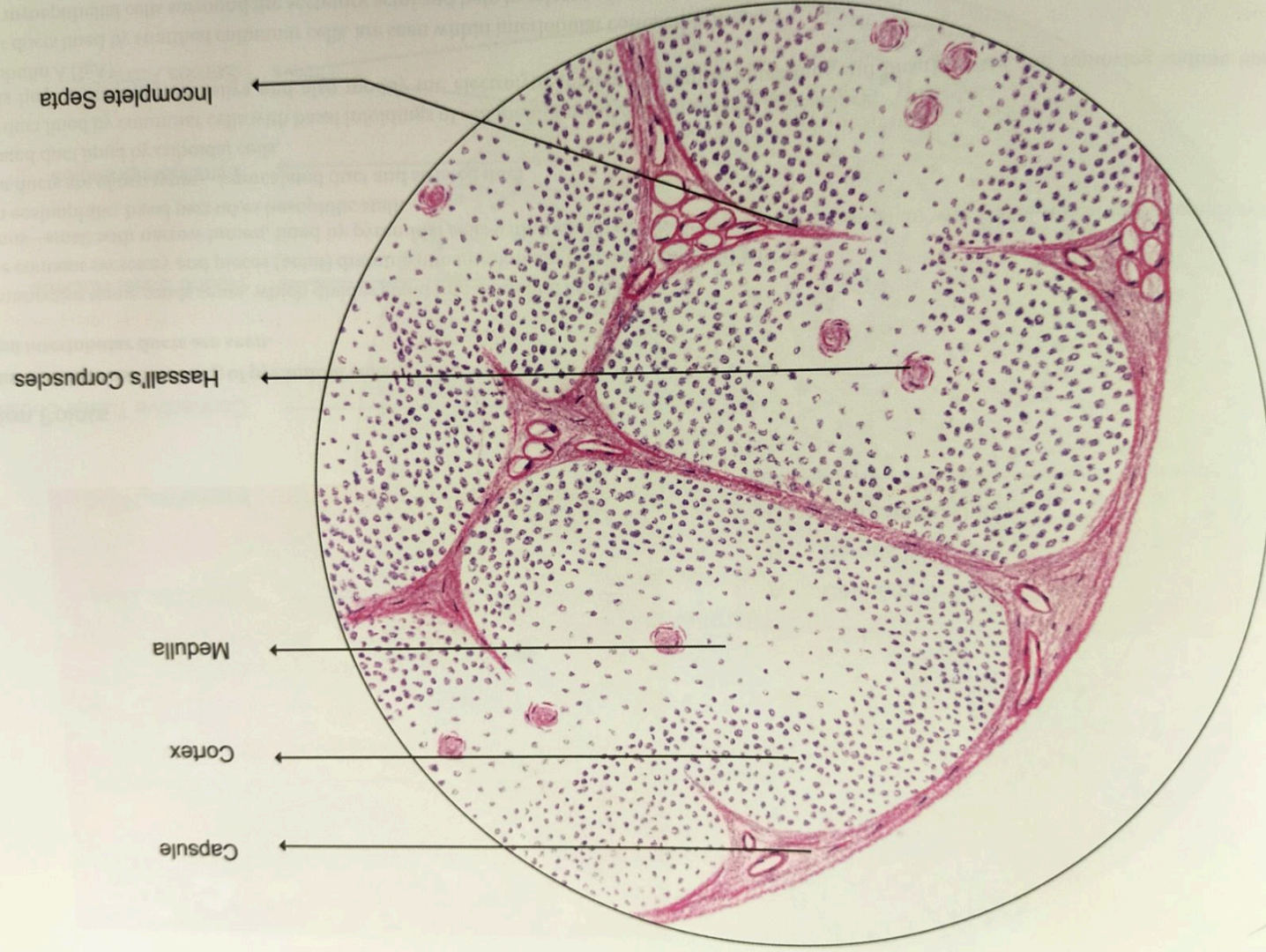


## 27. TONSIL



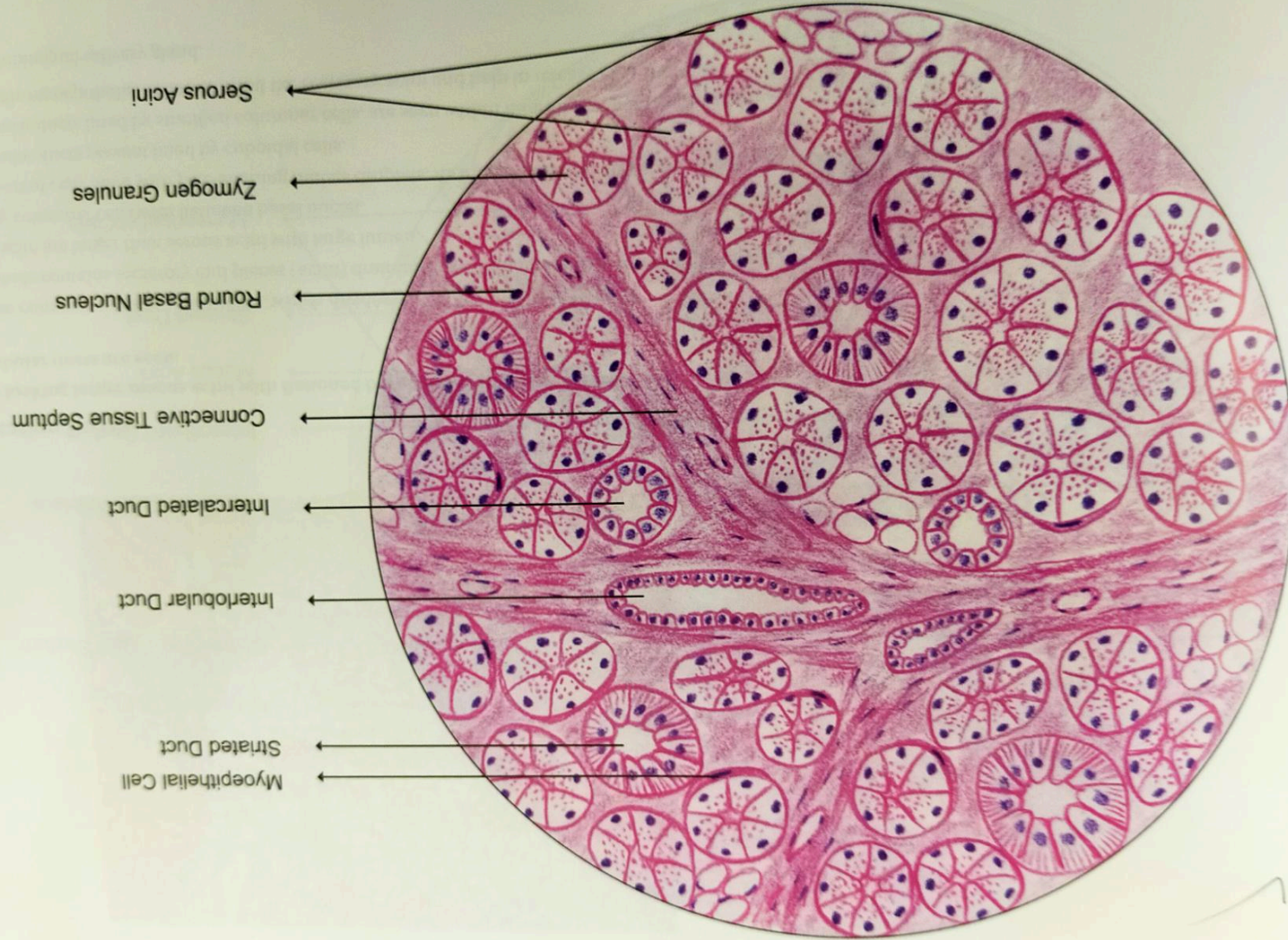


## 28. THYMUS

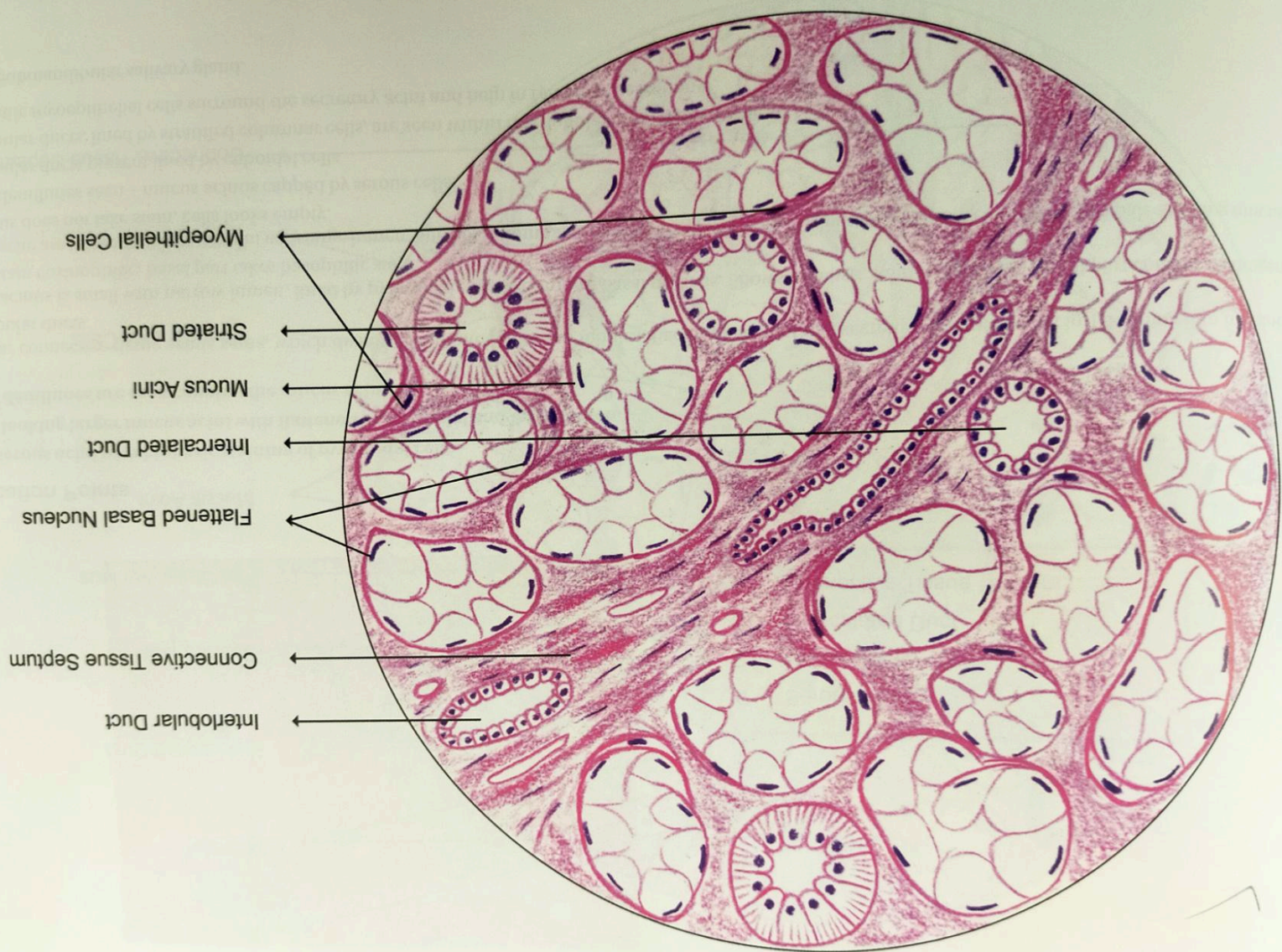




## 29. SEROUS SALIVARY GLAND

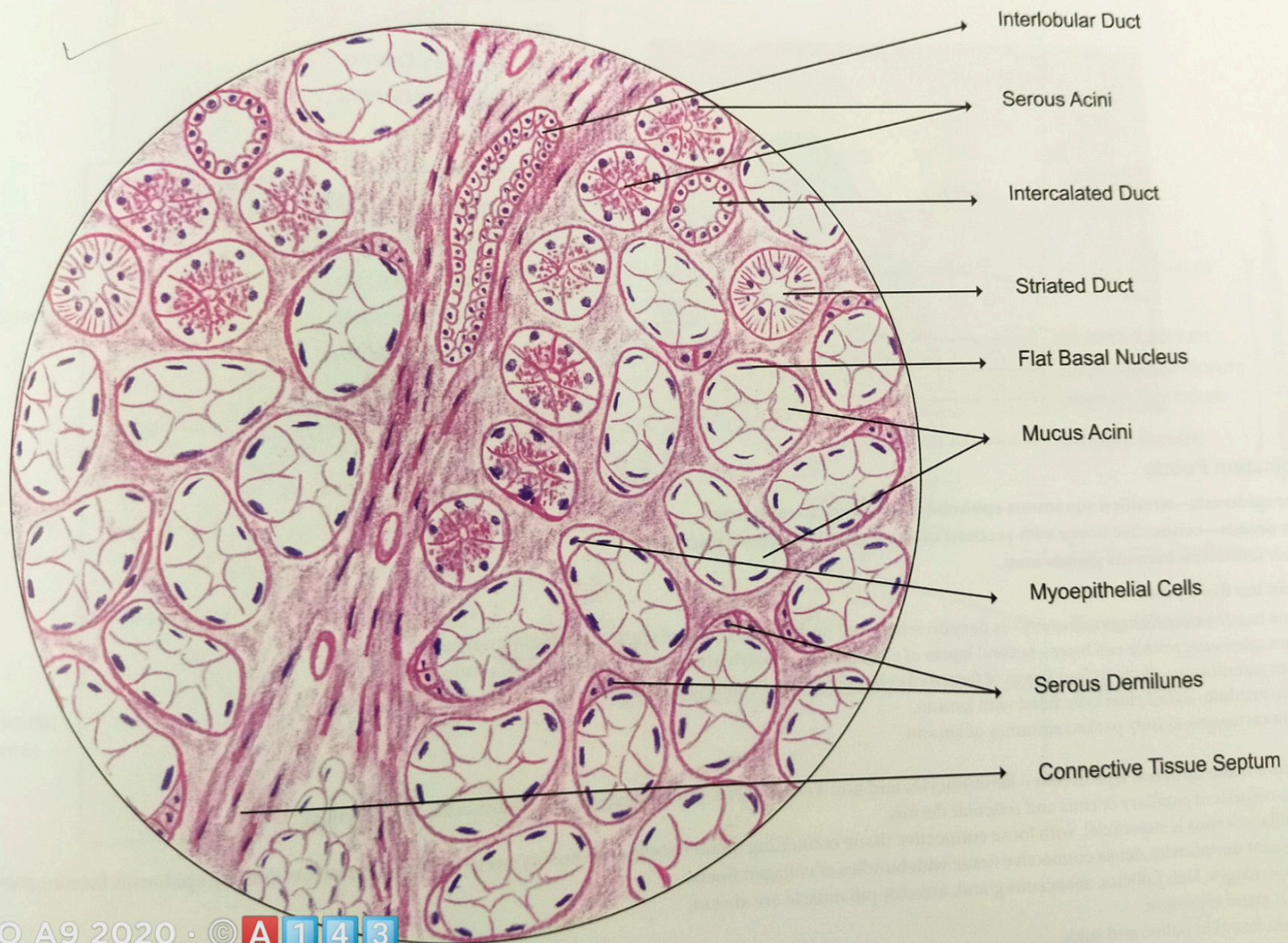






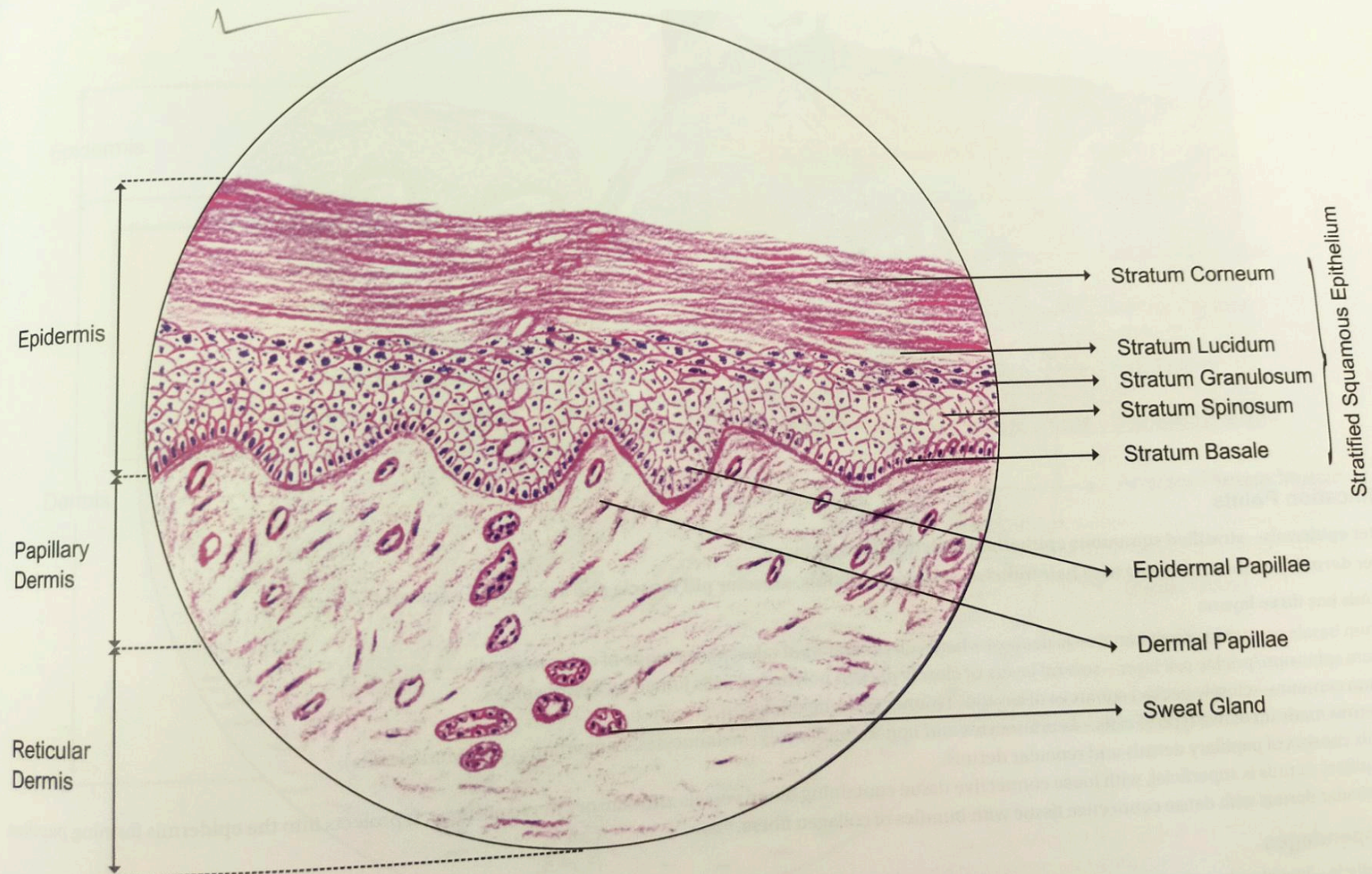


### 31. MIXED SALIVARY GLAND



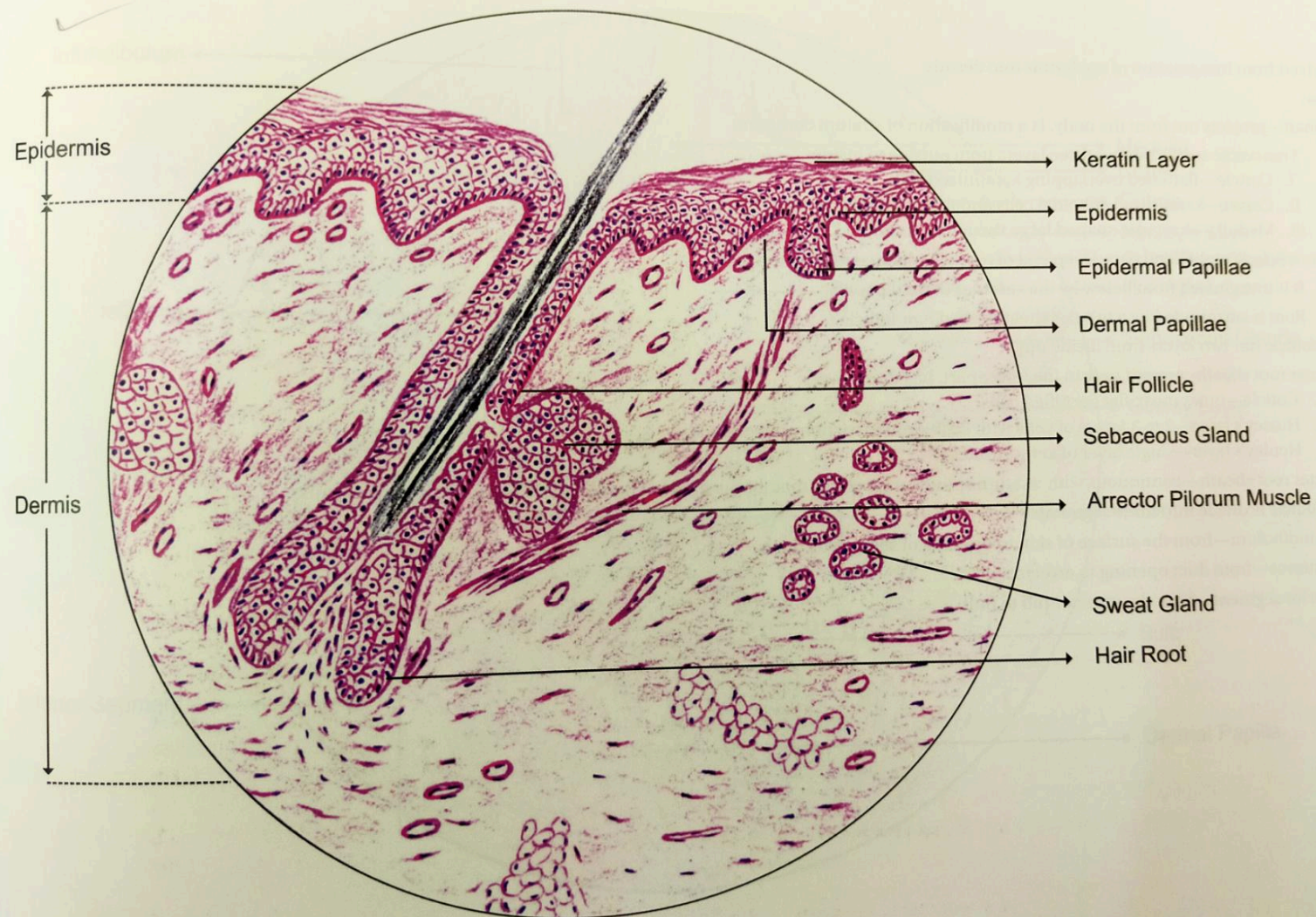


## 32. THICK SKIN



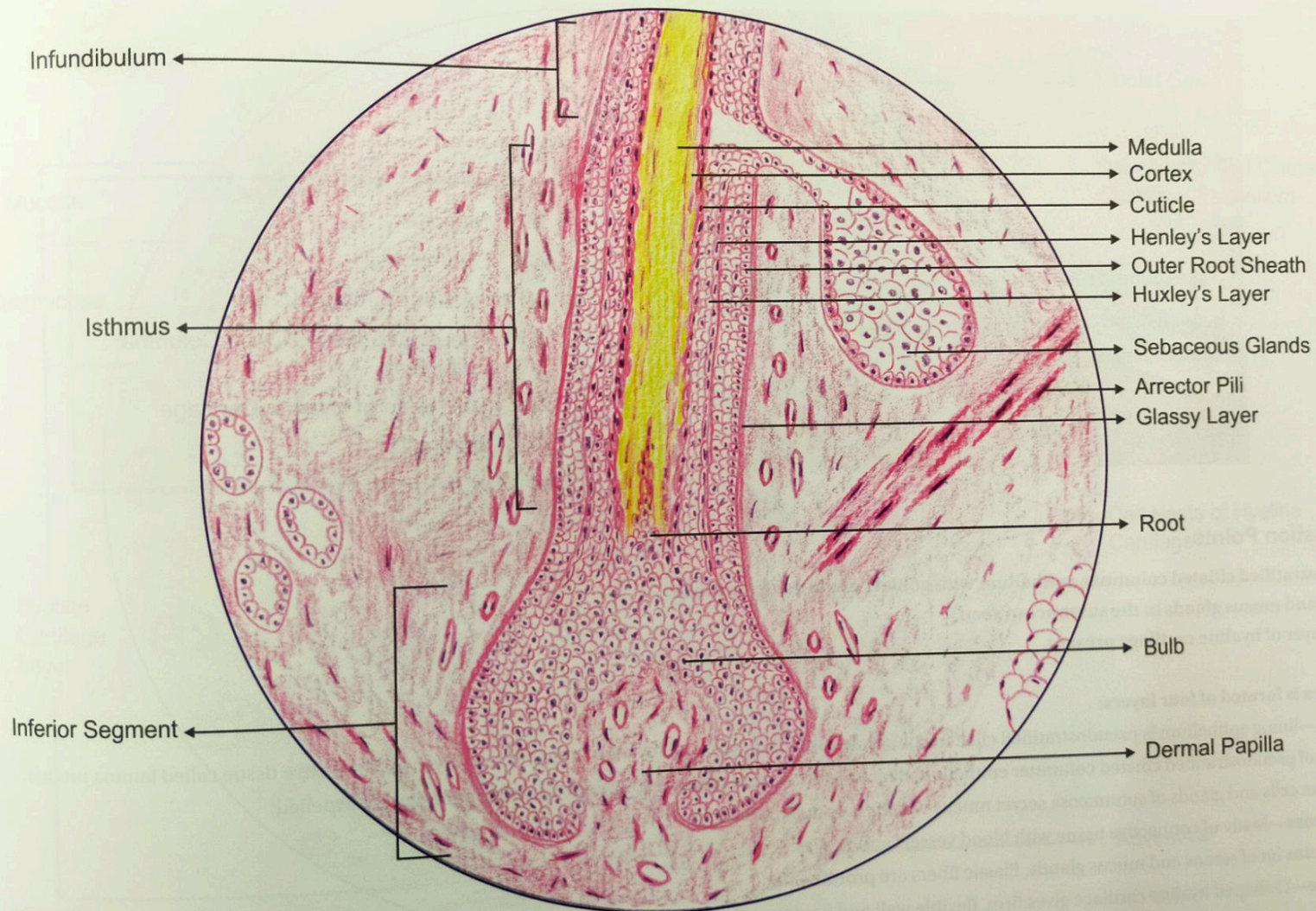


### 33. THIN SKIN



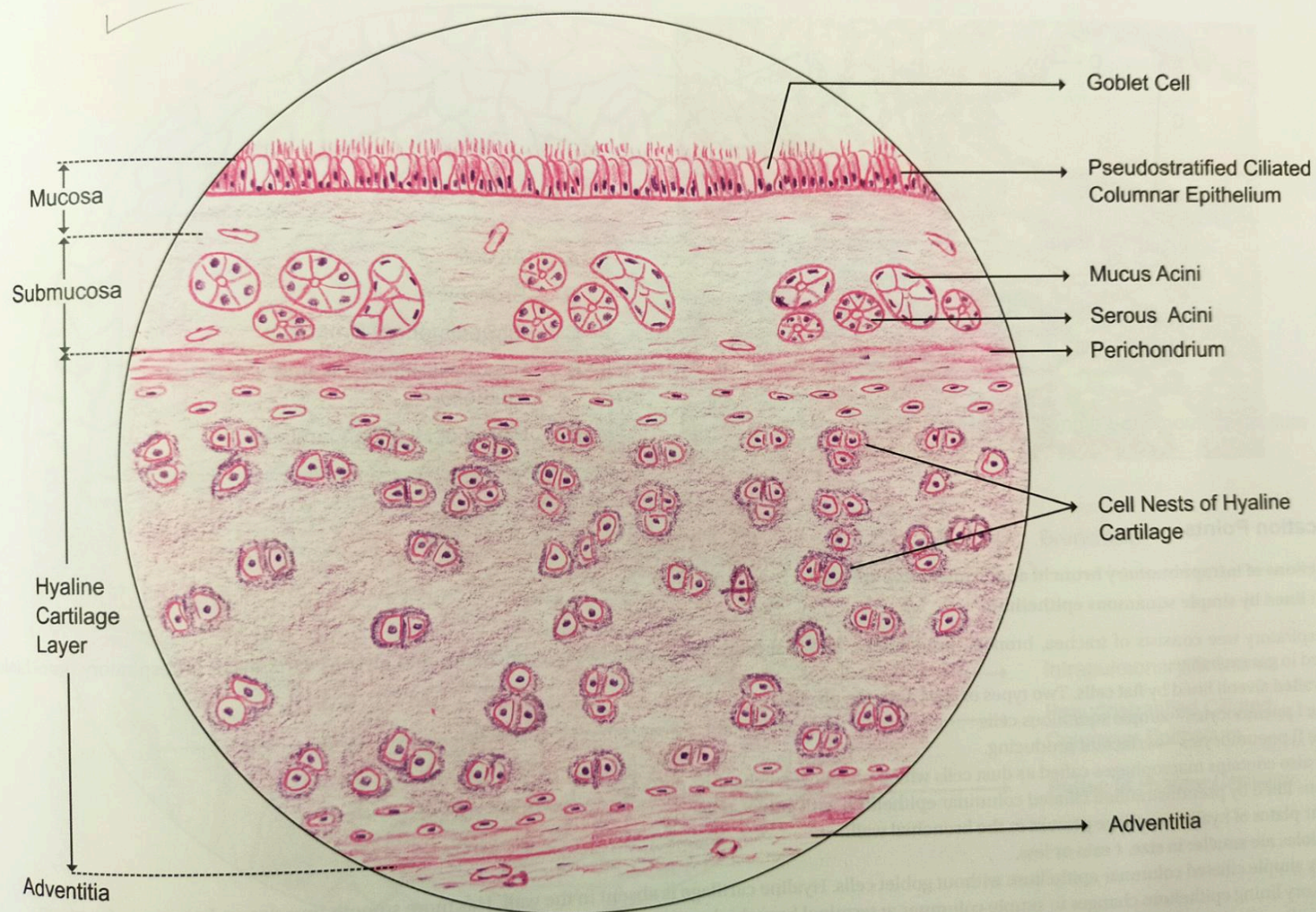


## 34. HAIR



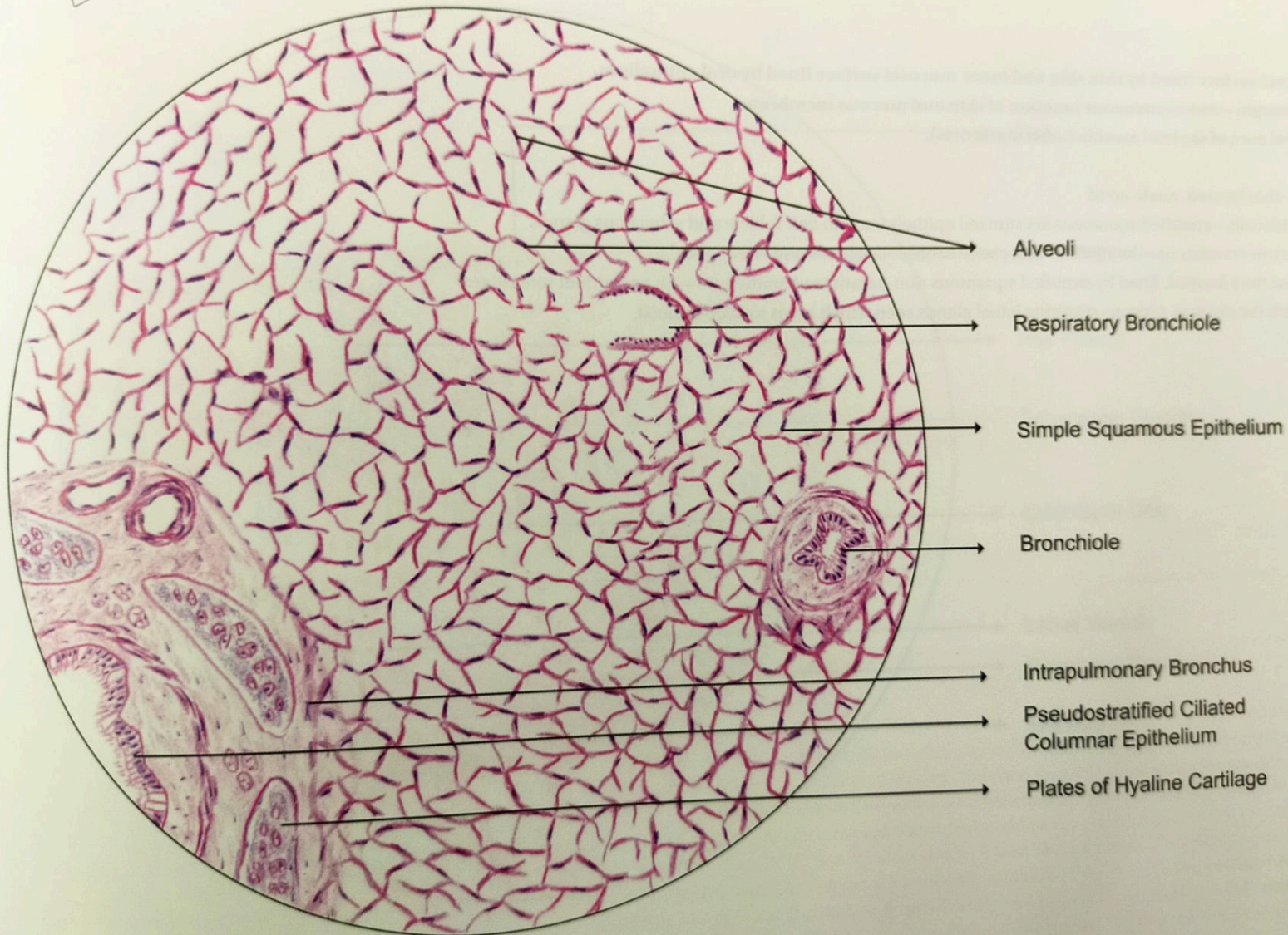


## 35. TRACHEA





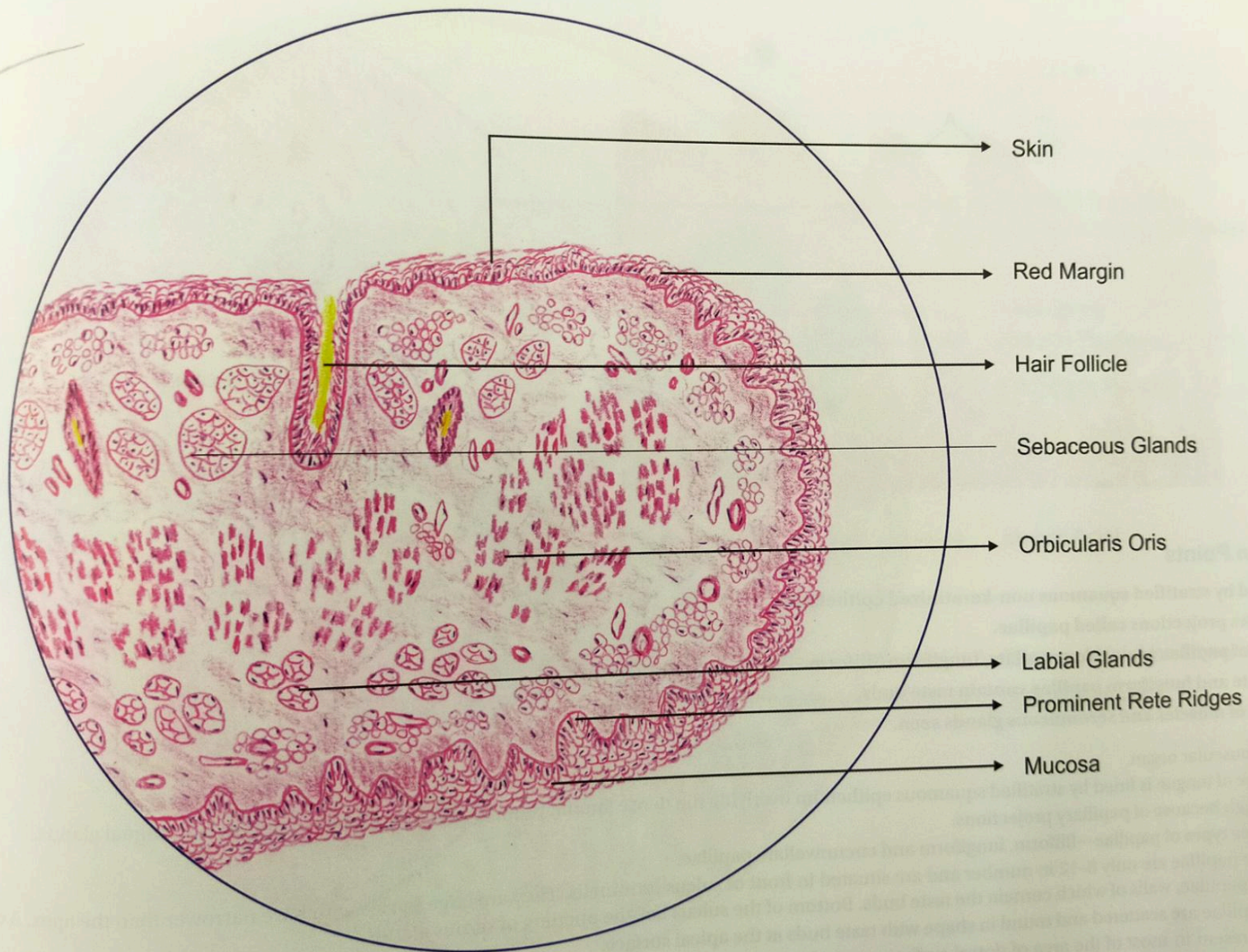
## 36. LUNG





## 37. LIP

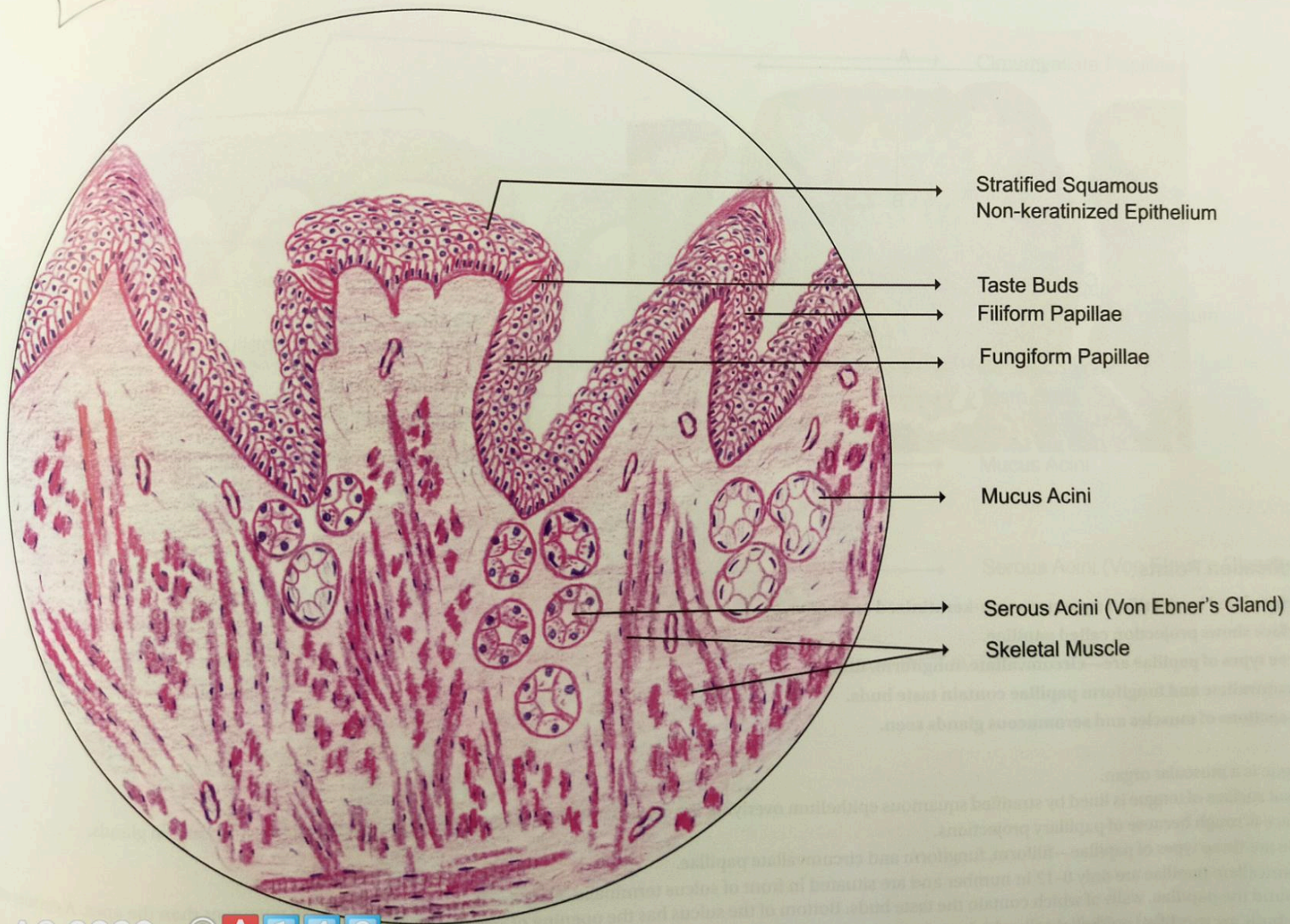
79





### 38(A). TONGUE: FILIFORM AND FUNGIFORM PAPILLAE

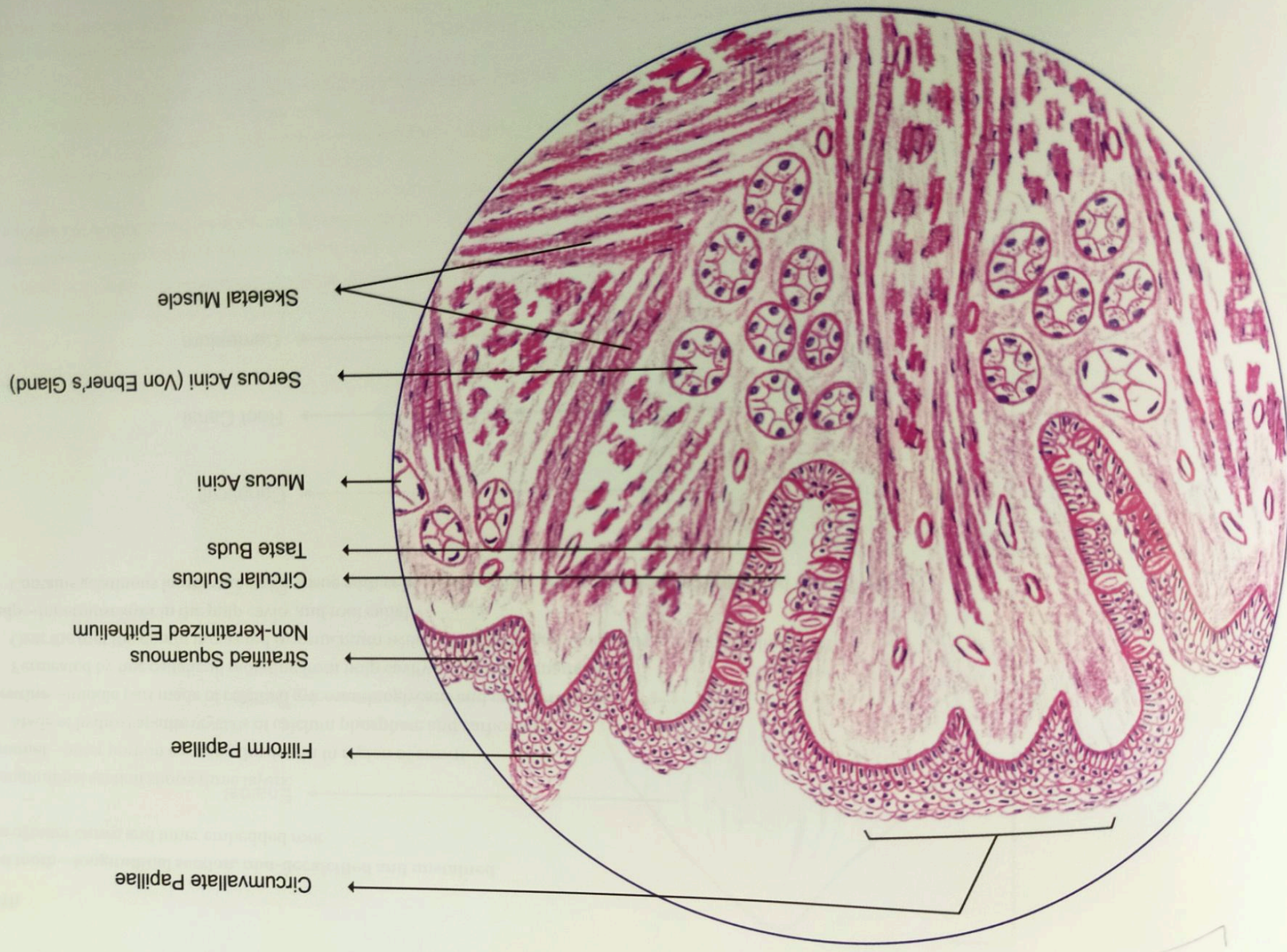
81





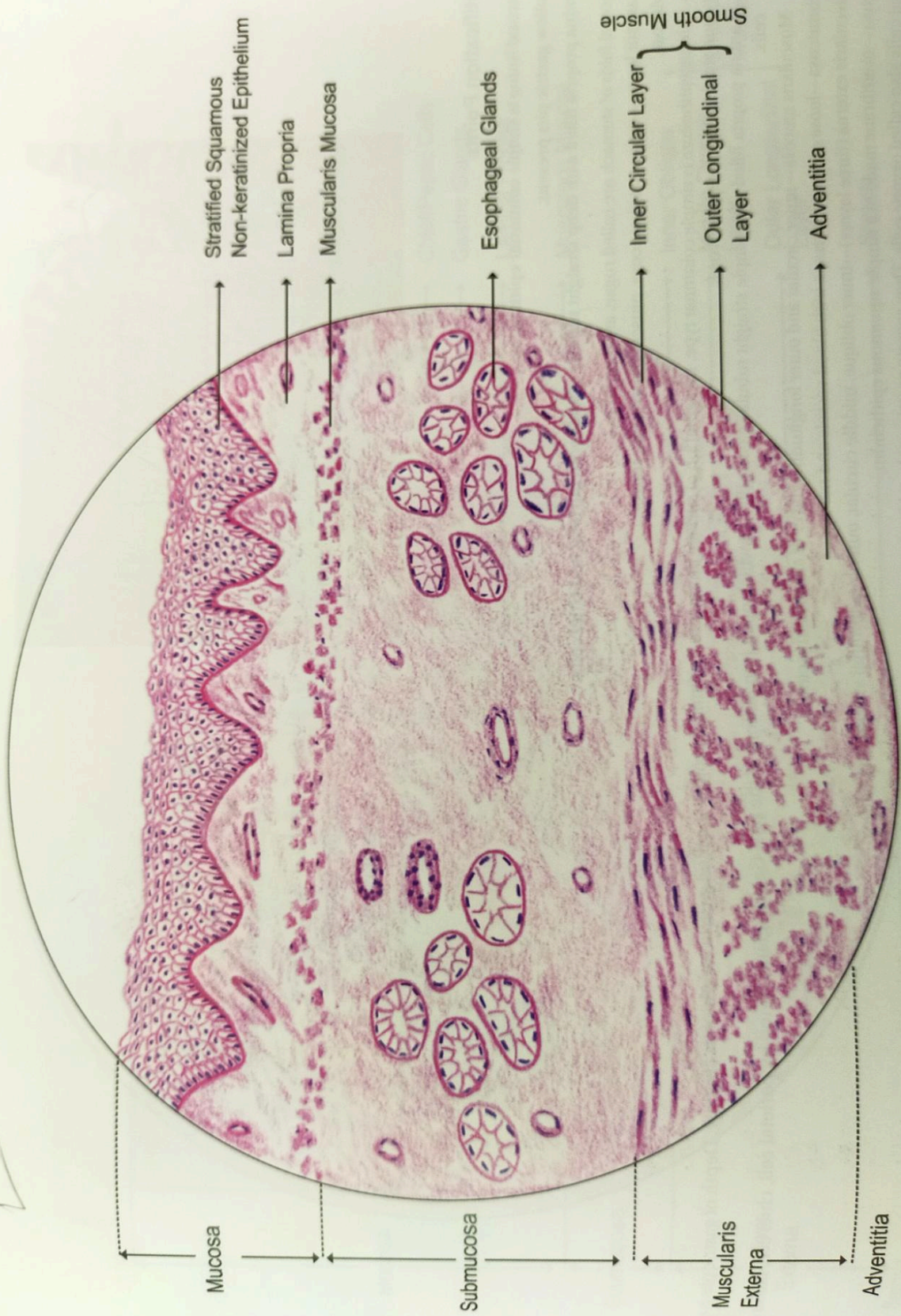
# 38(B). TONGUE: CIRCUMVALLATE PAPILLAE

83



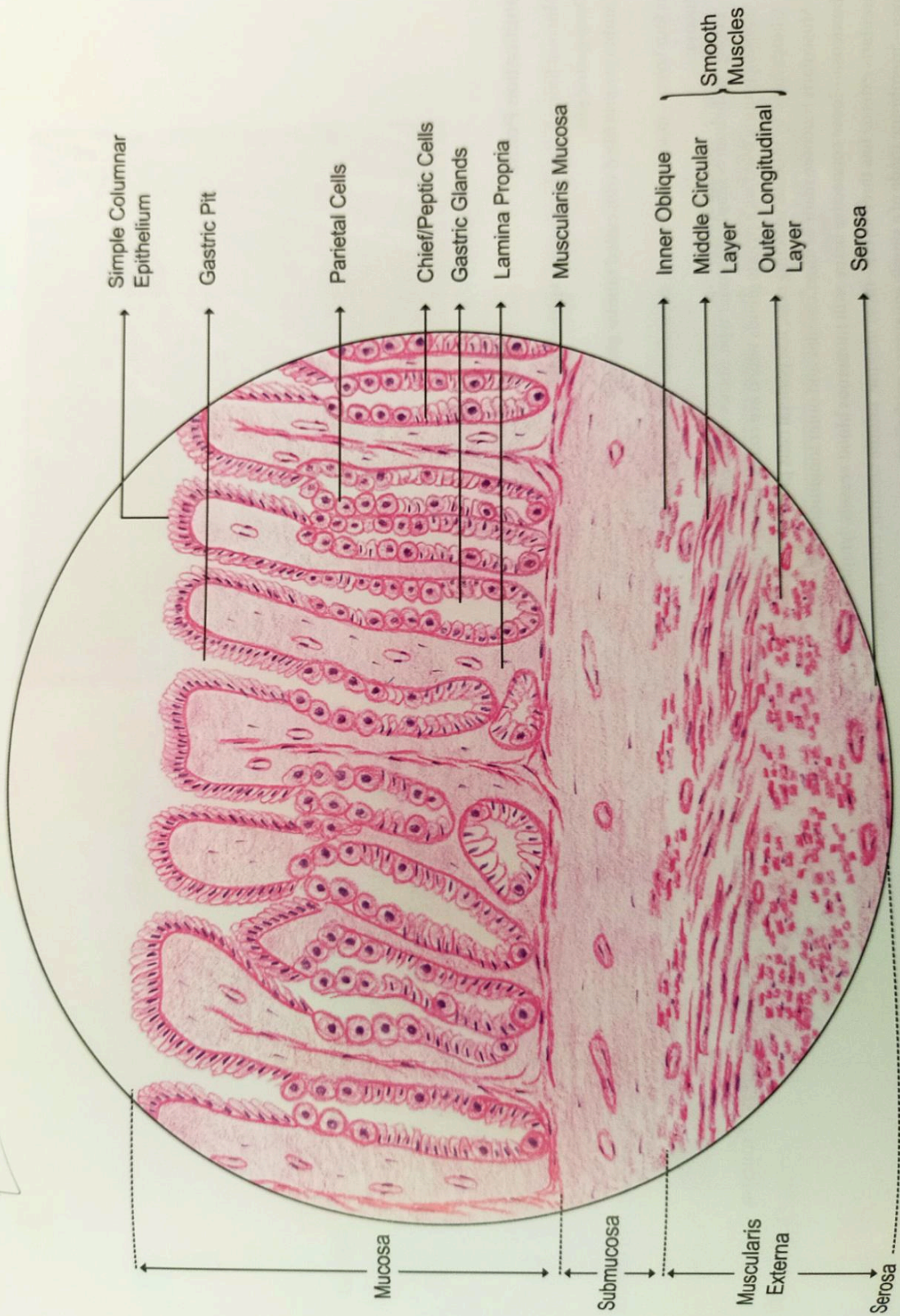


## 40. ESOPHAGUS



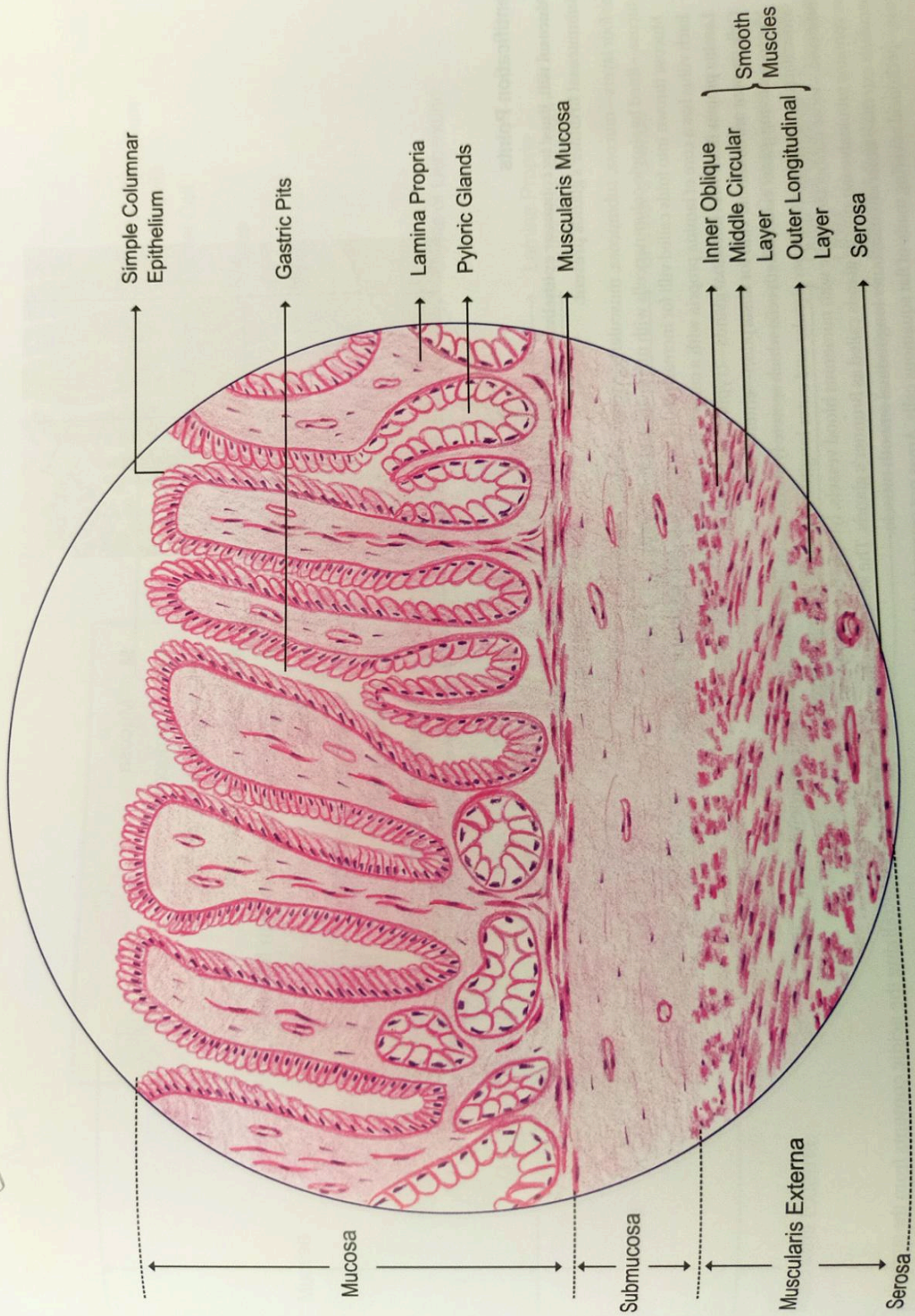


## 41. STOMACH: FUNDUS AND BODY



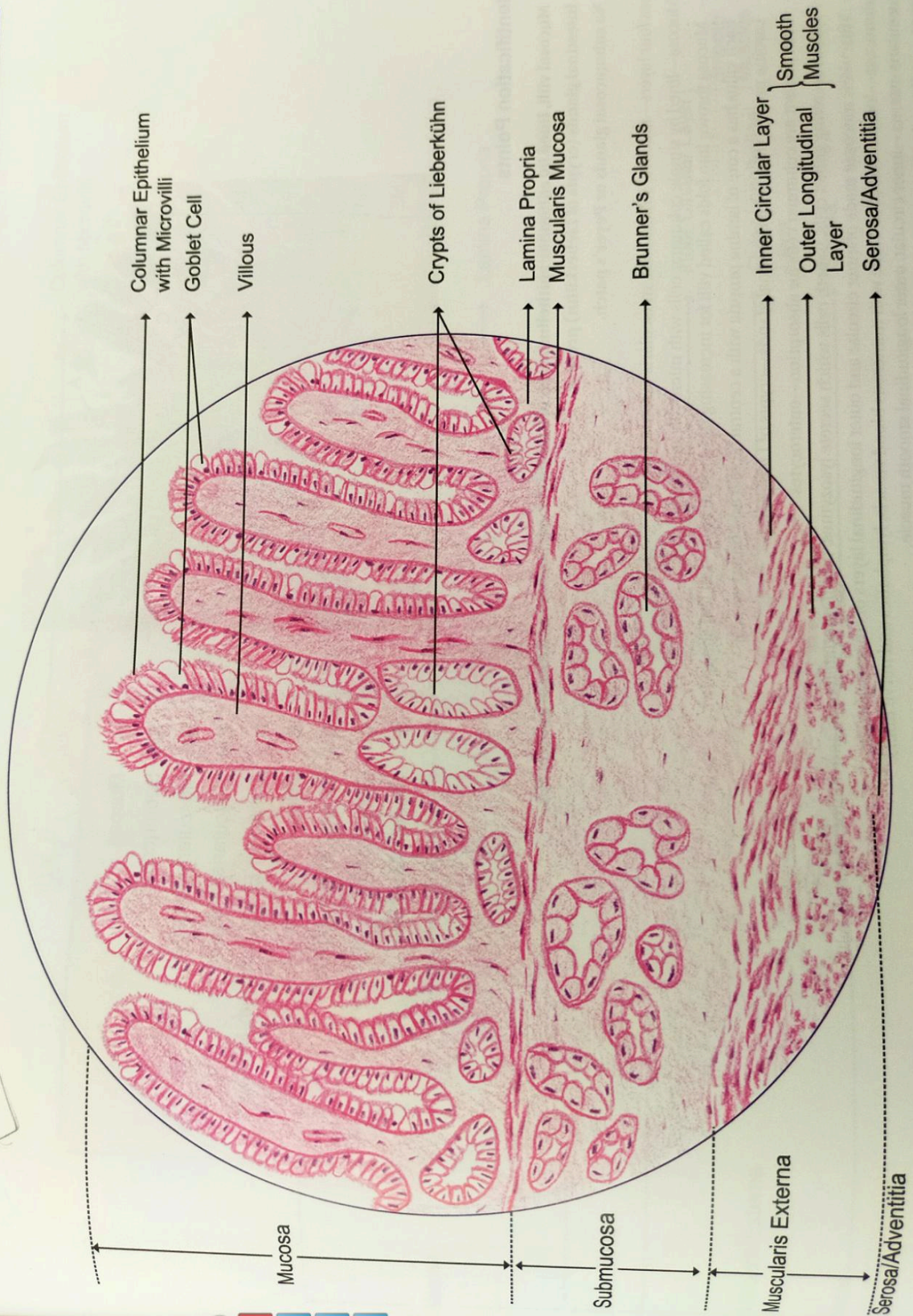


## 42. STOMACH: PYLORUS



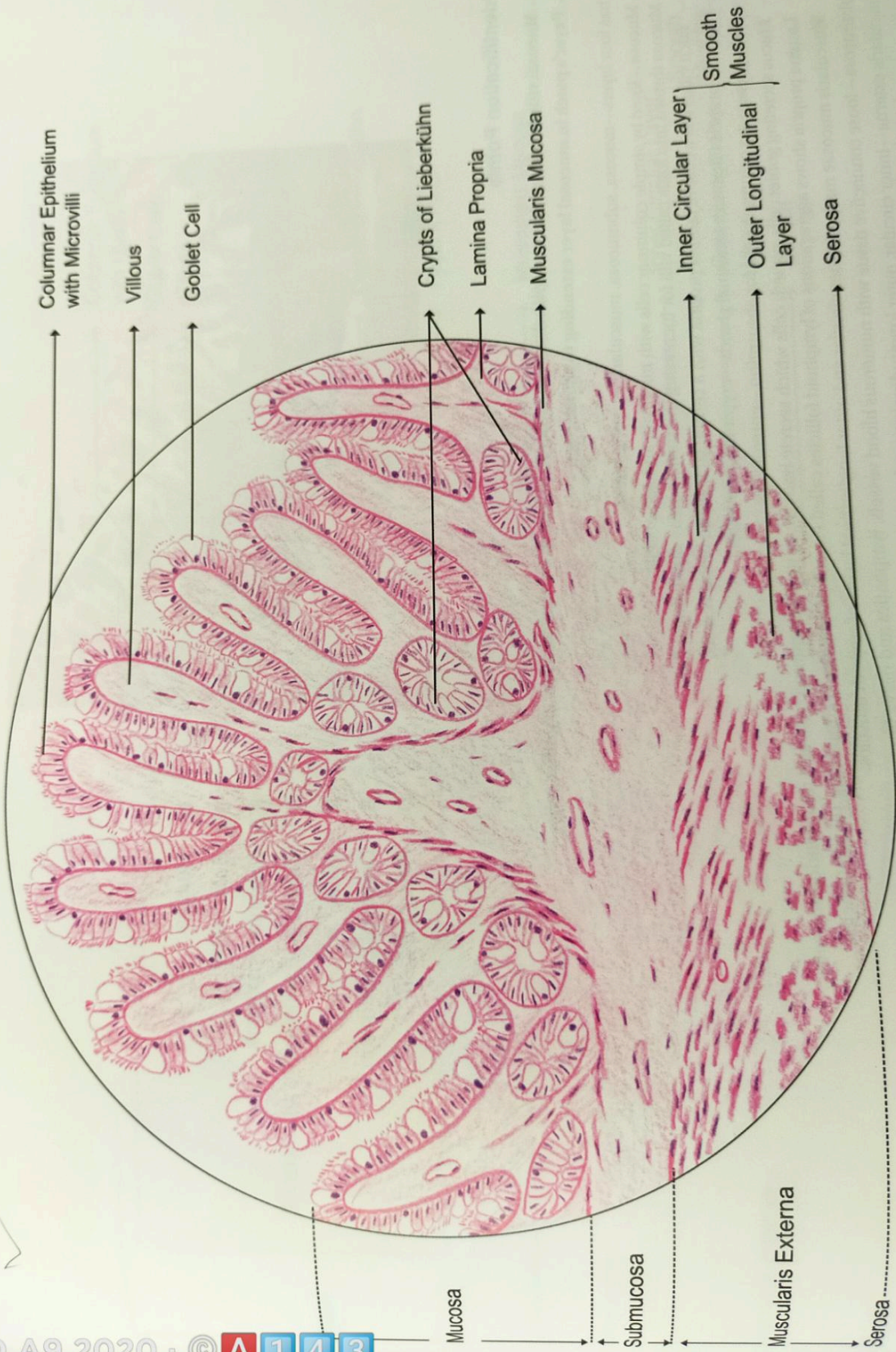


## 43. DUODENUM



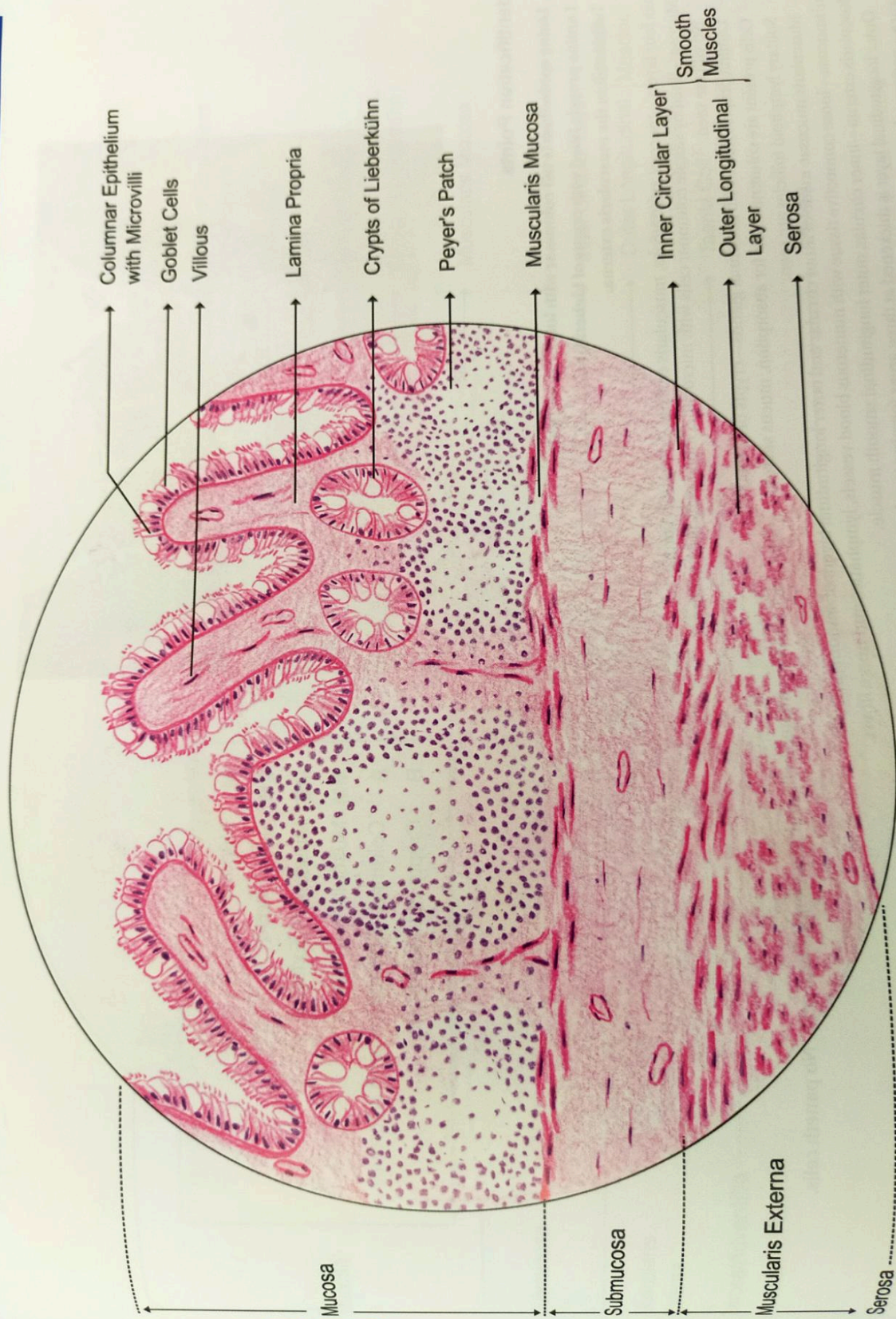


## 44. JEJUNUM

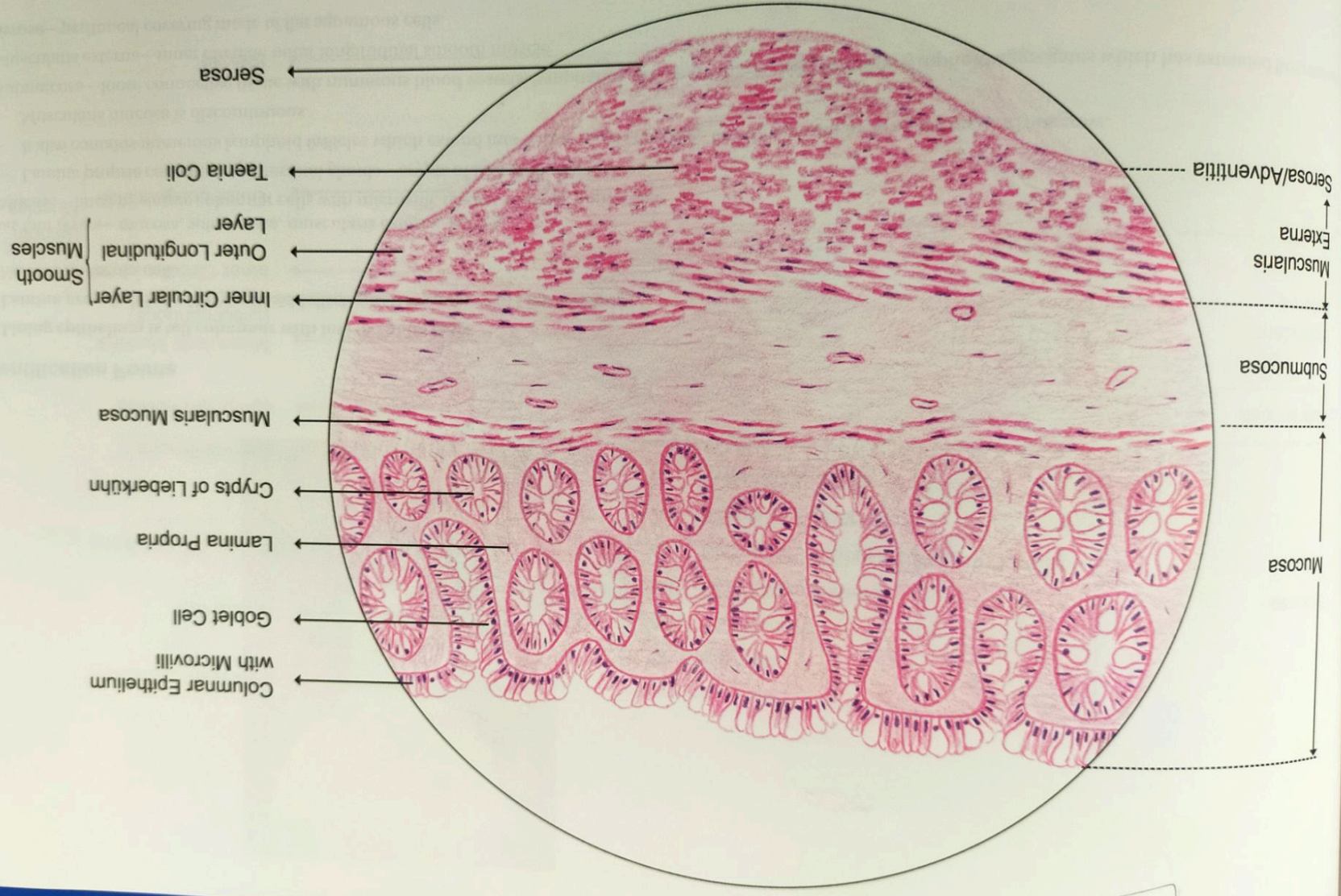




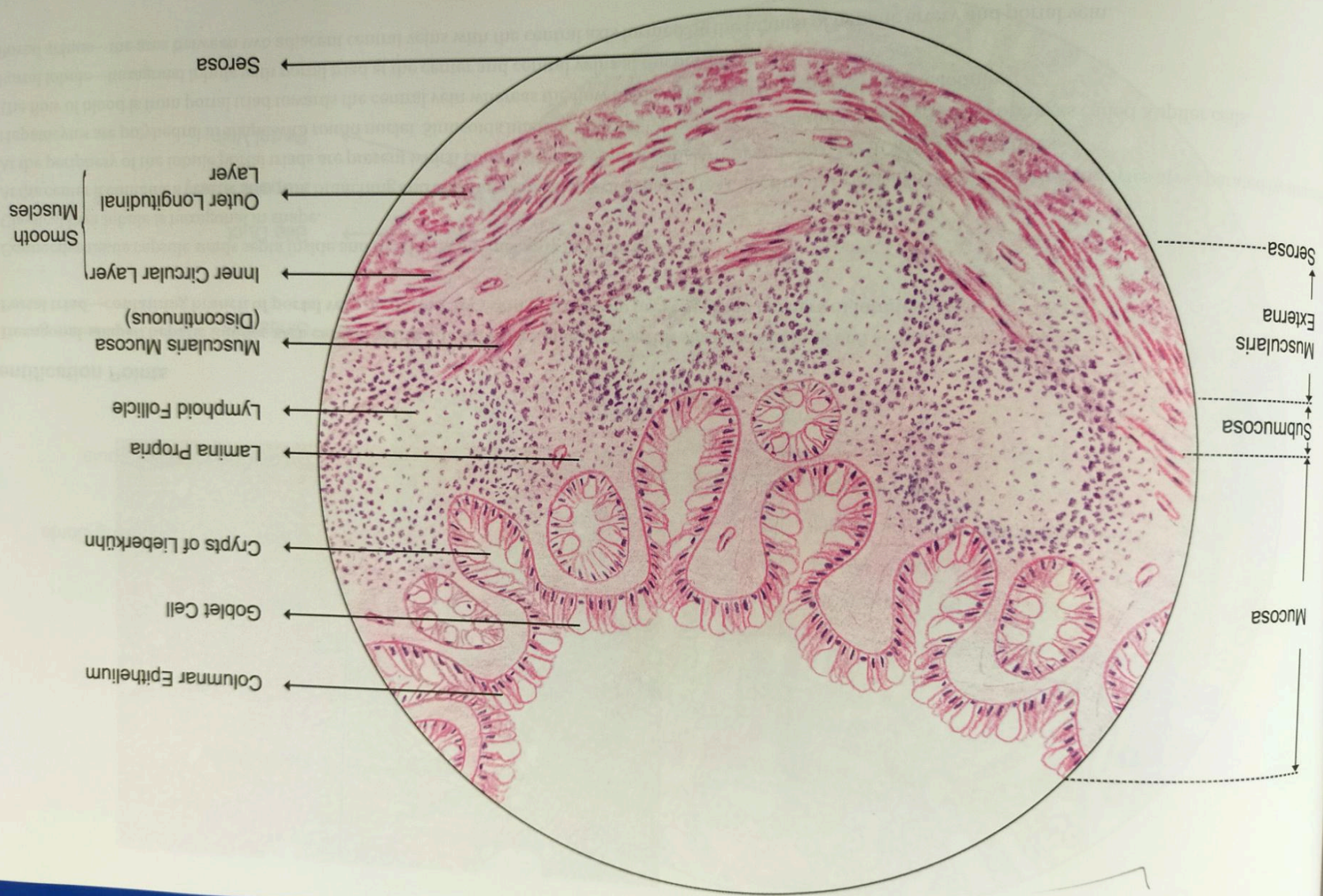
## 45. ILEUM









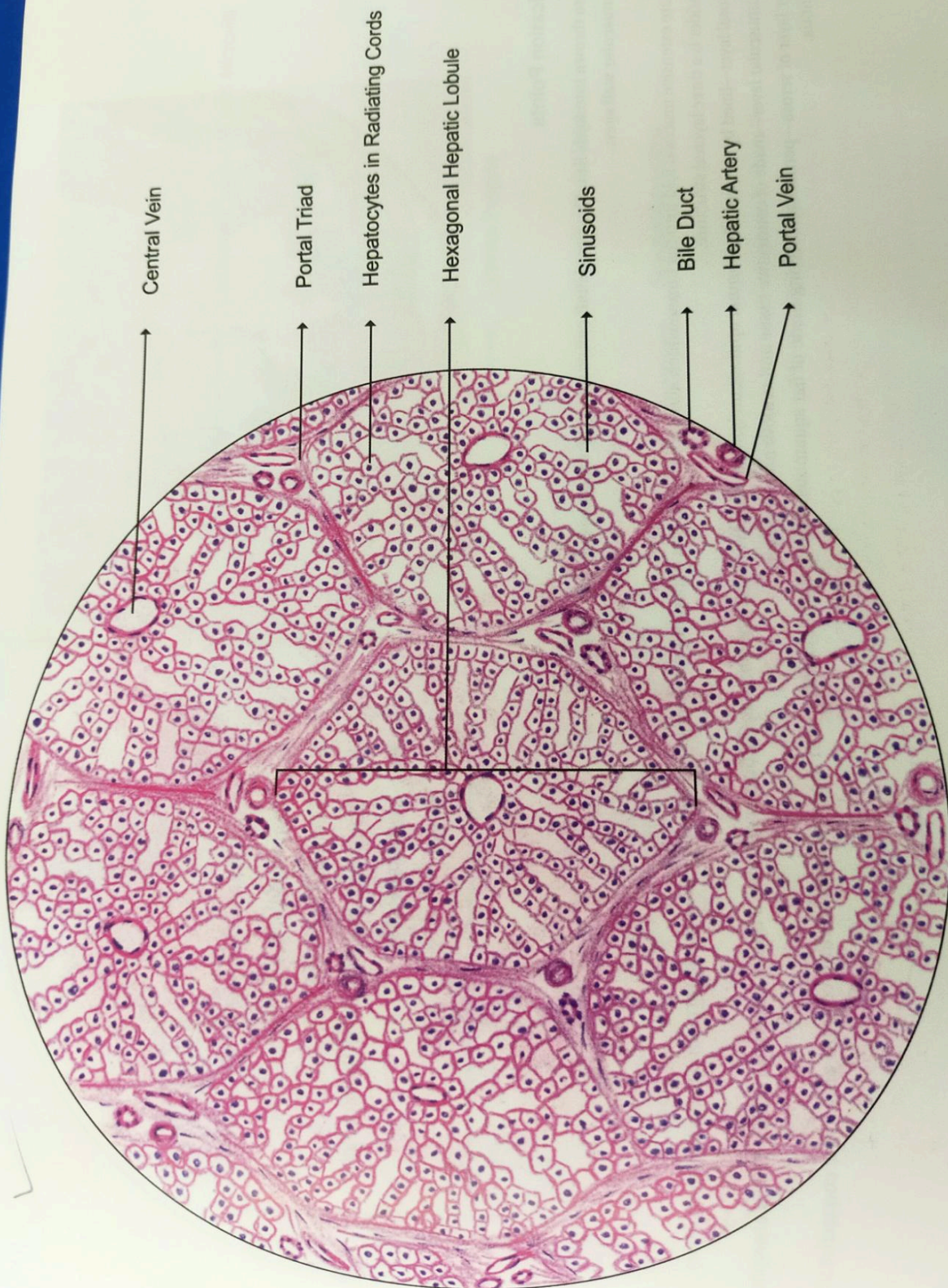


# 47. APPENDIX



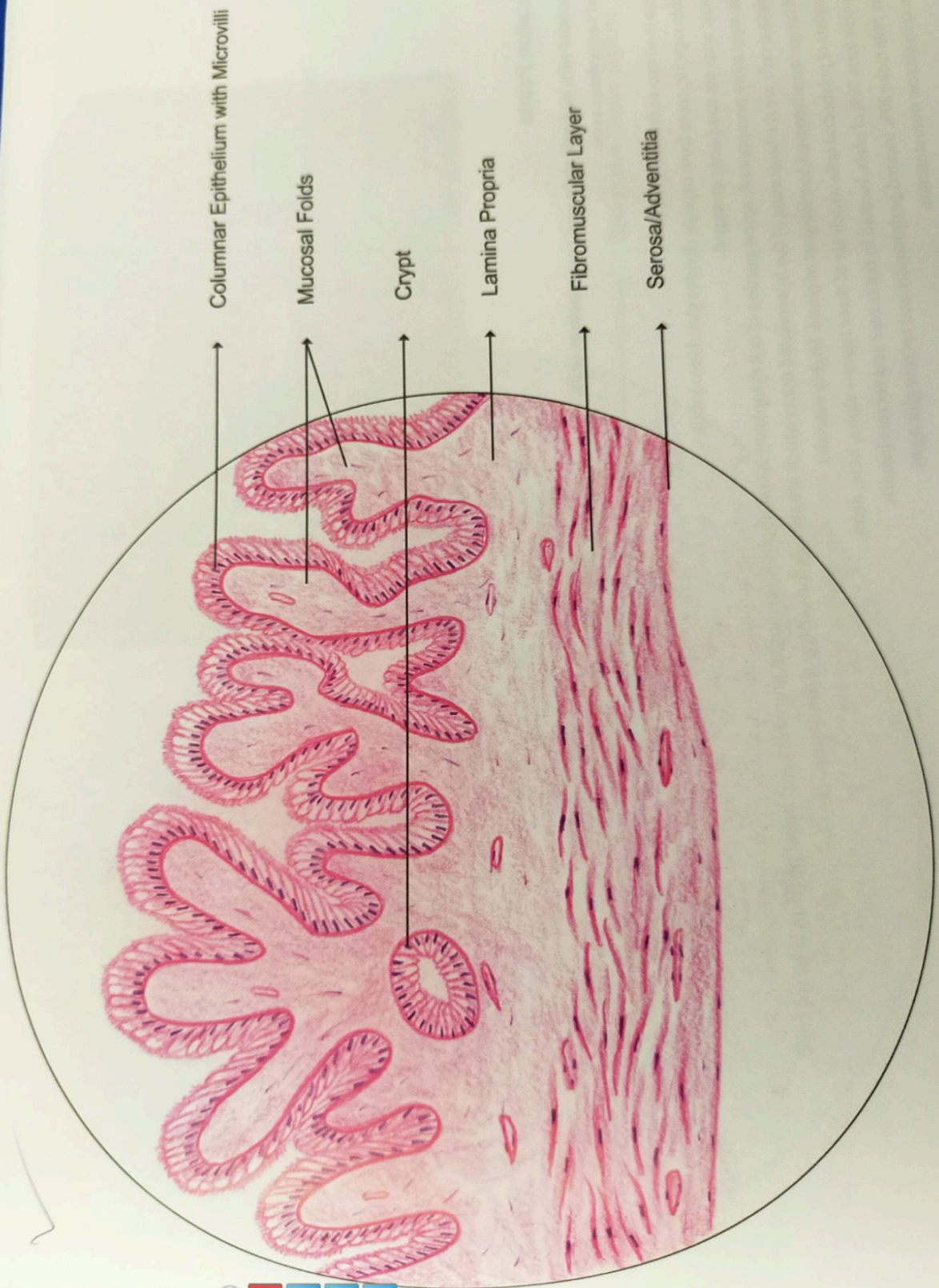
## 48. LIVER

103



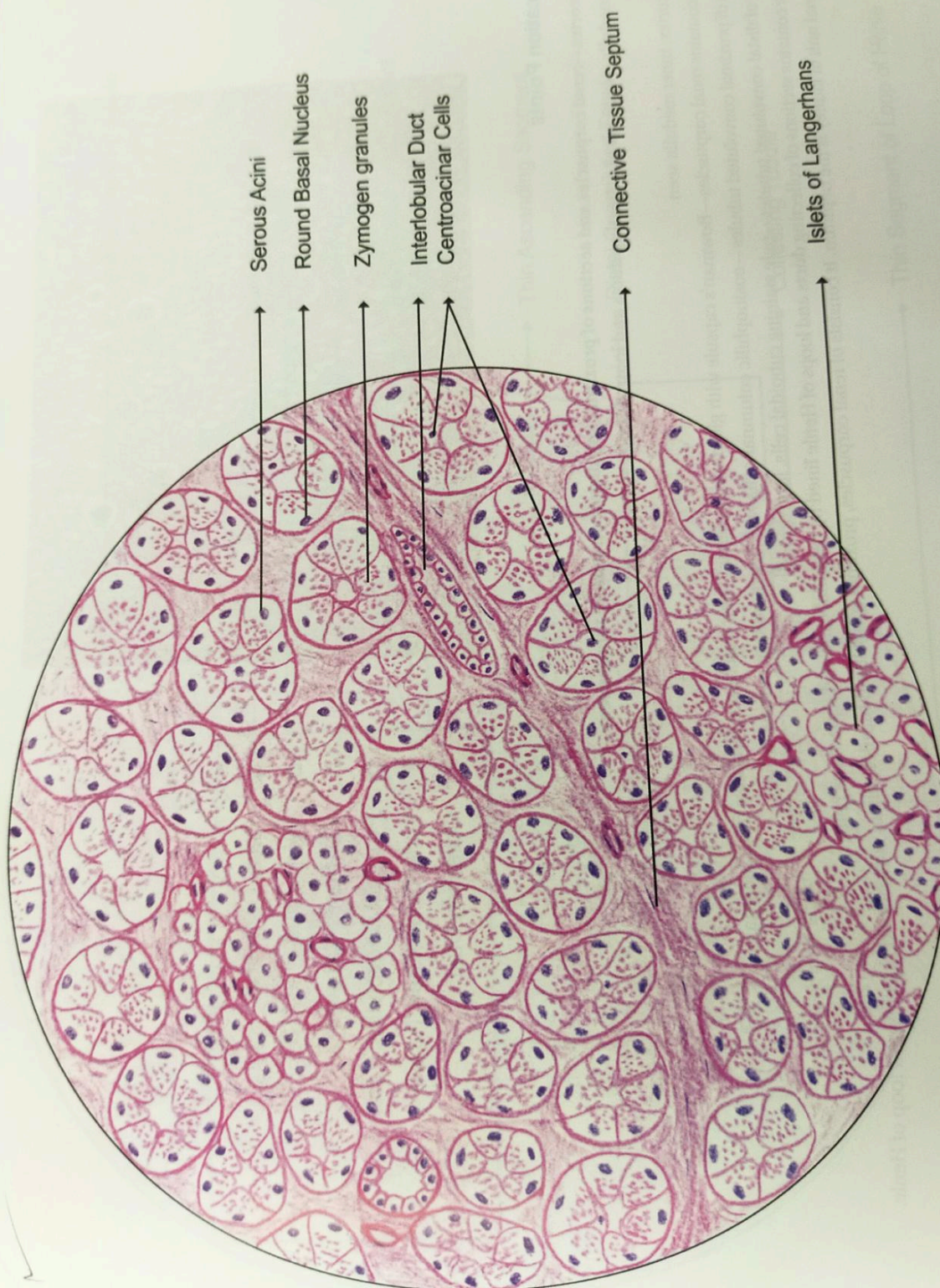


## 49. GALLBLADDER





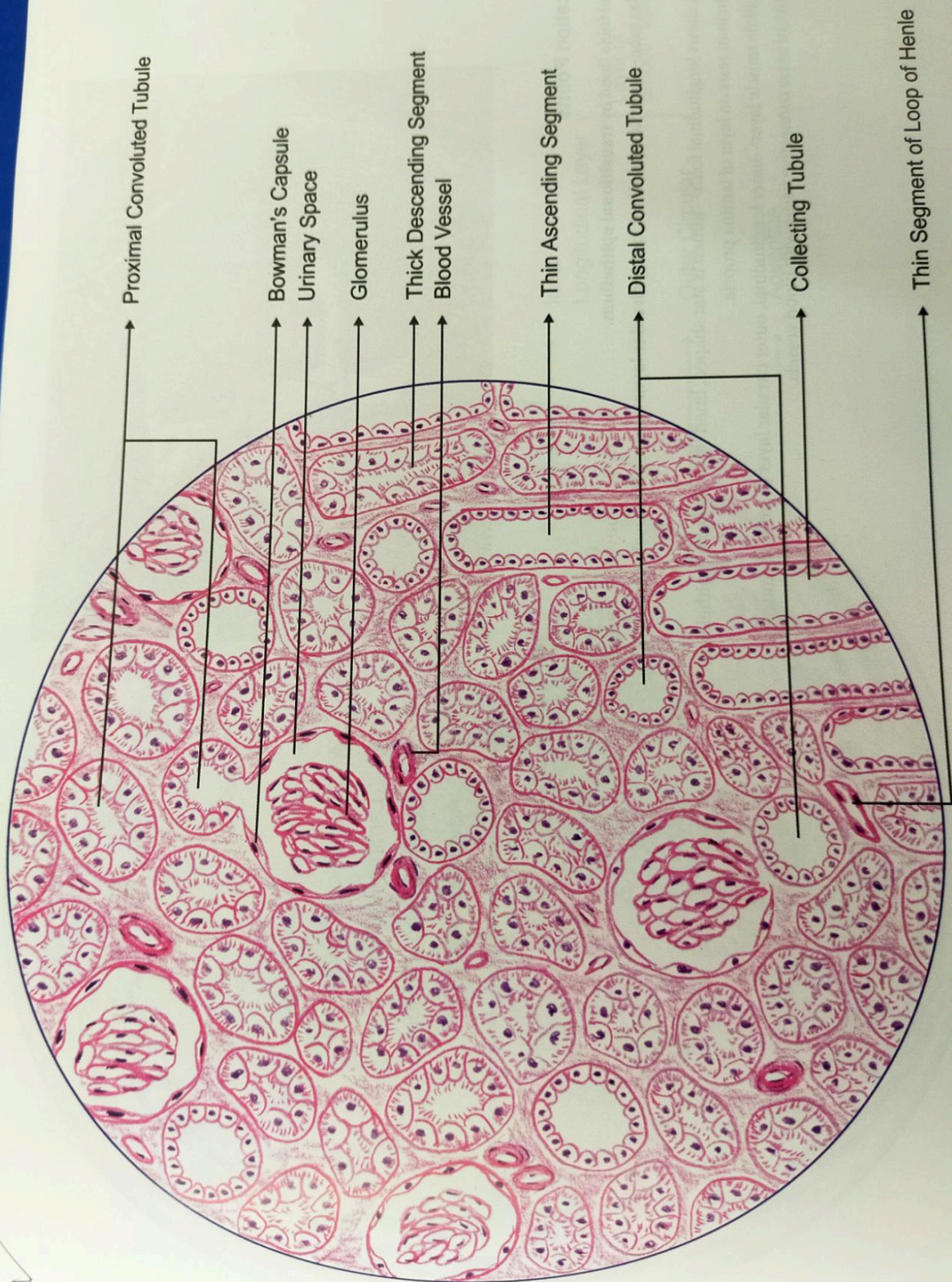
## 50. PANCREAS





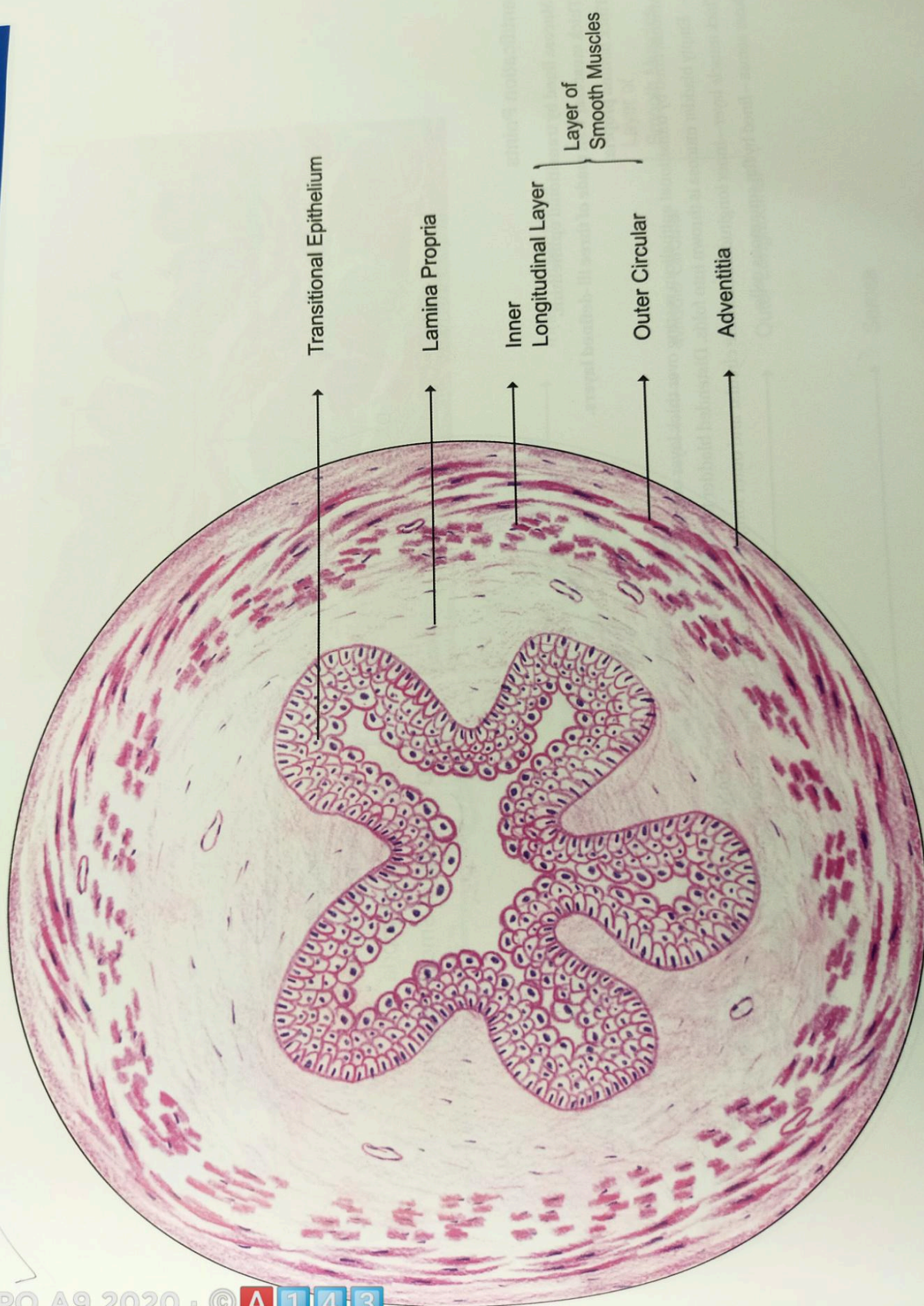
## 51. KIDNEY

109





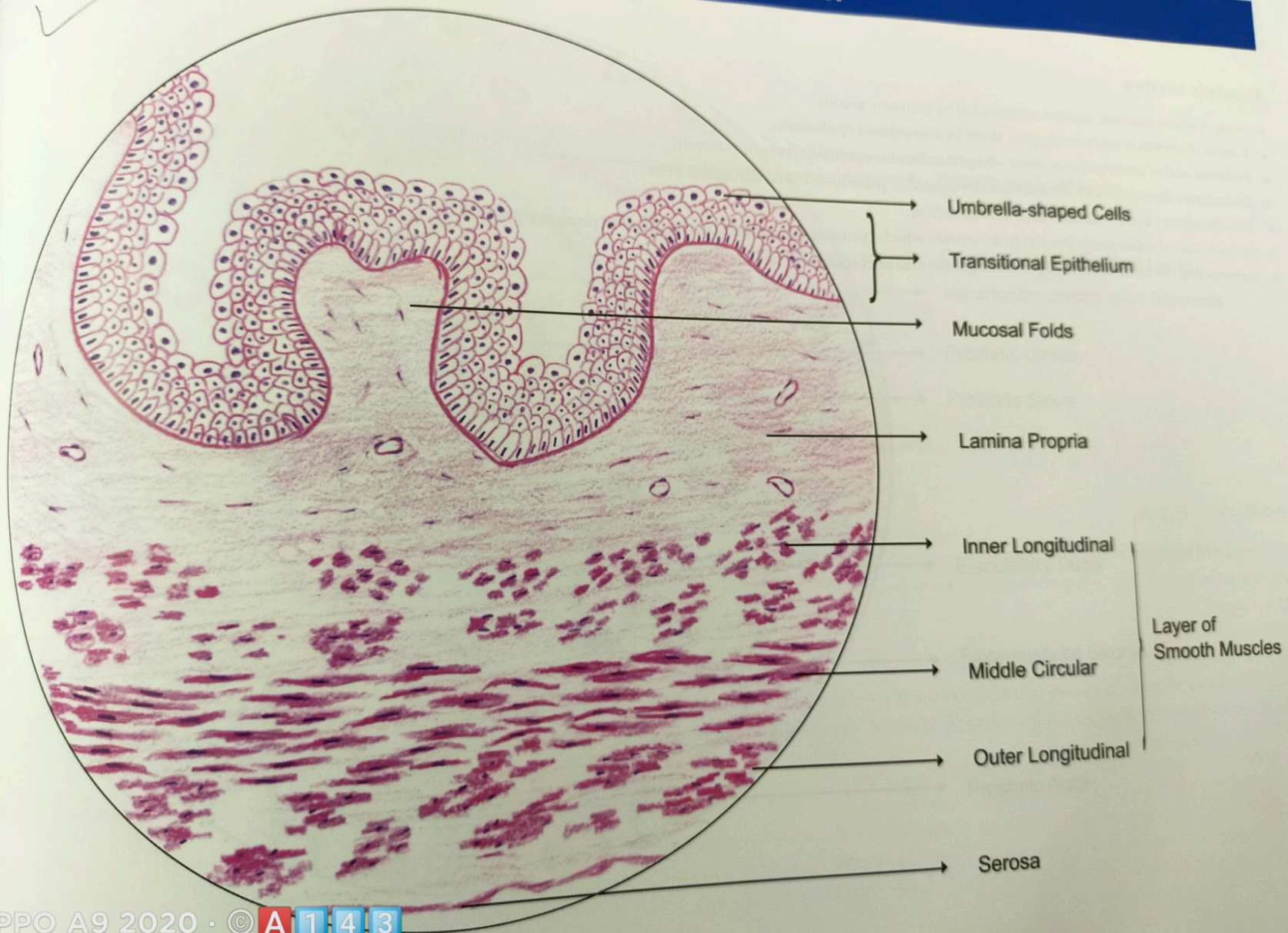
## 52. URETER





## 53. URINARY BLADDER

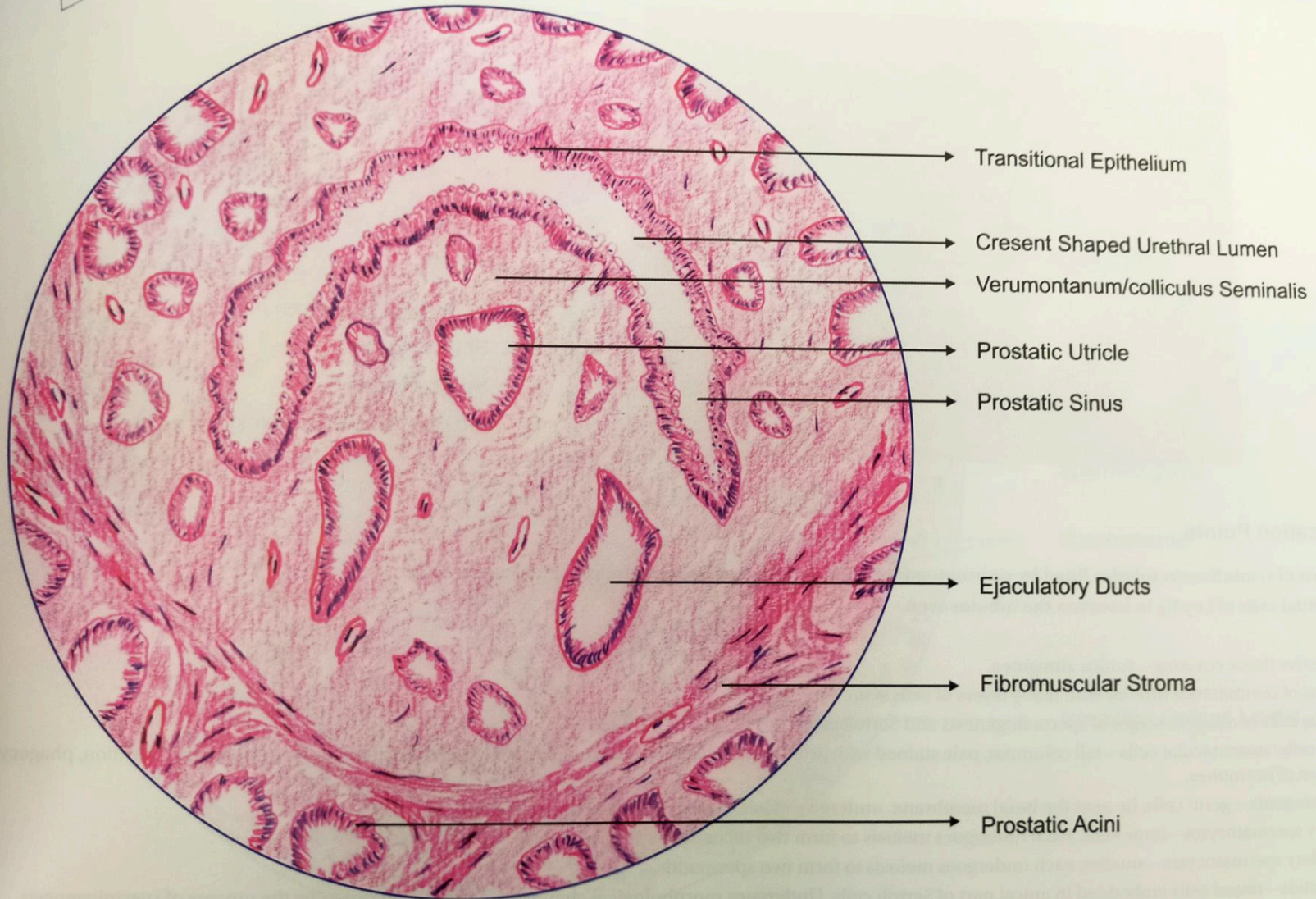
113



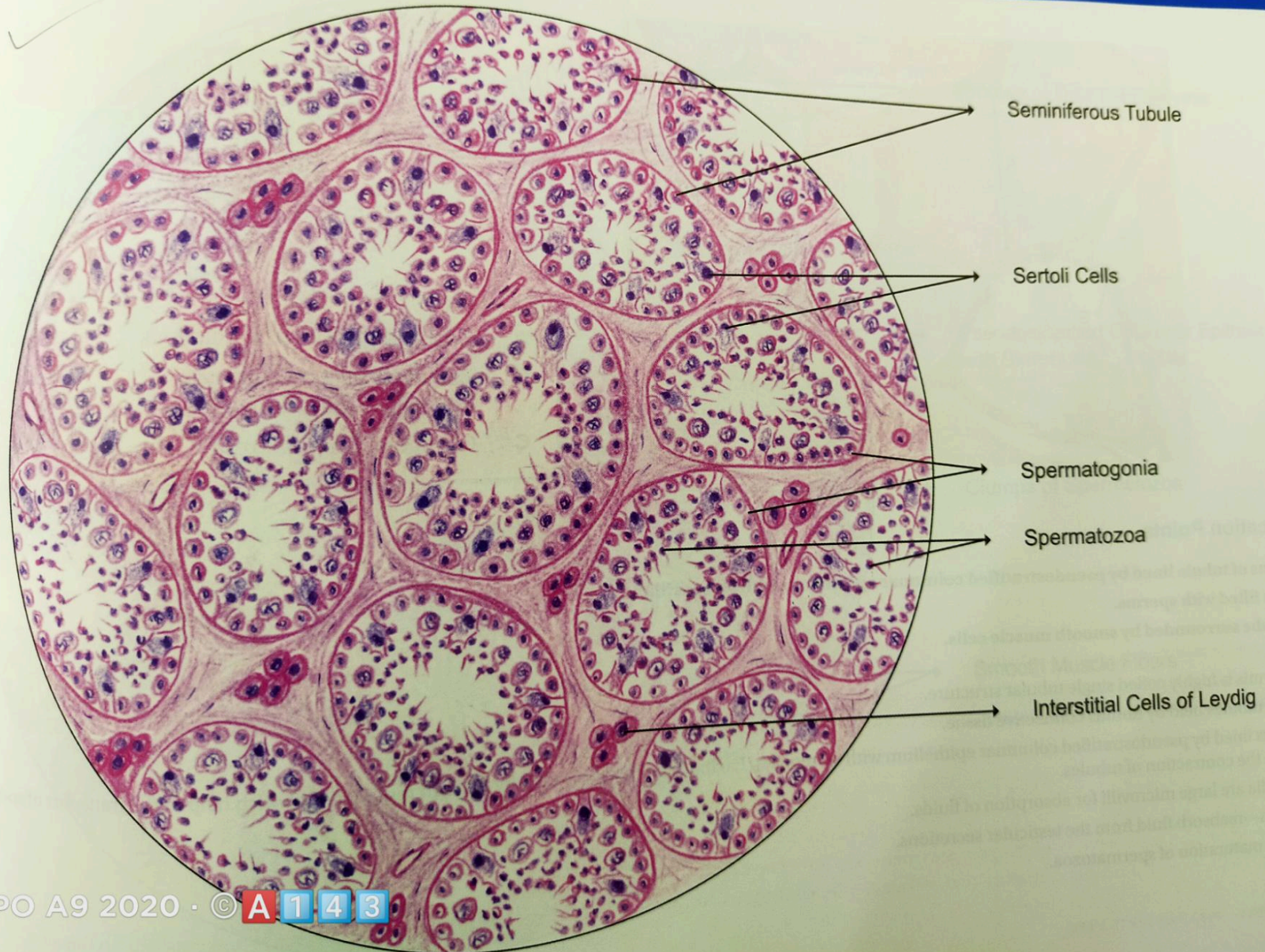


## 54. PROSTATIC URETHRA

115



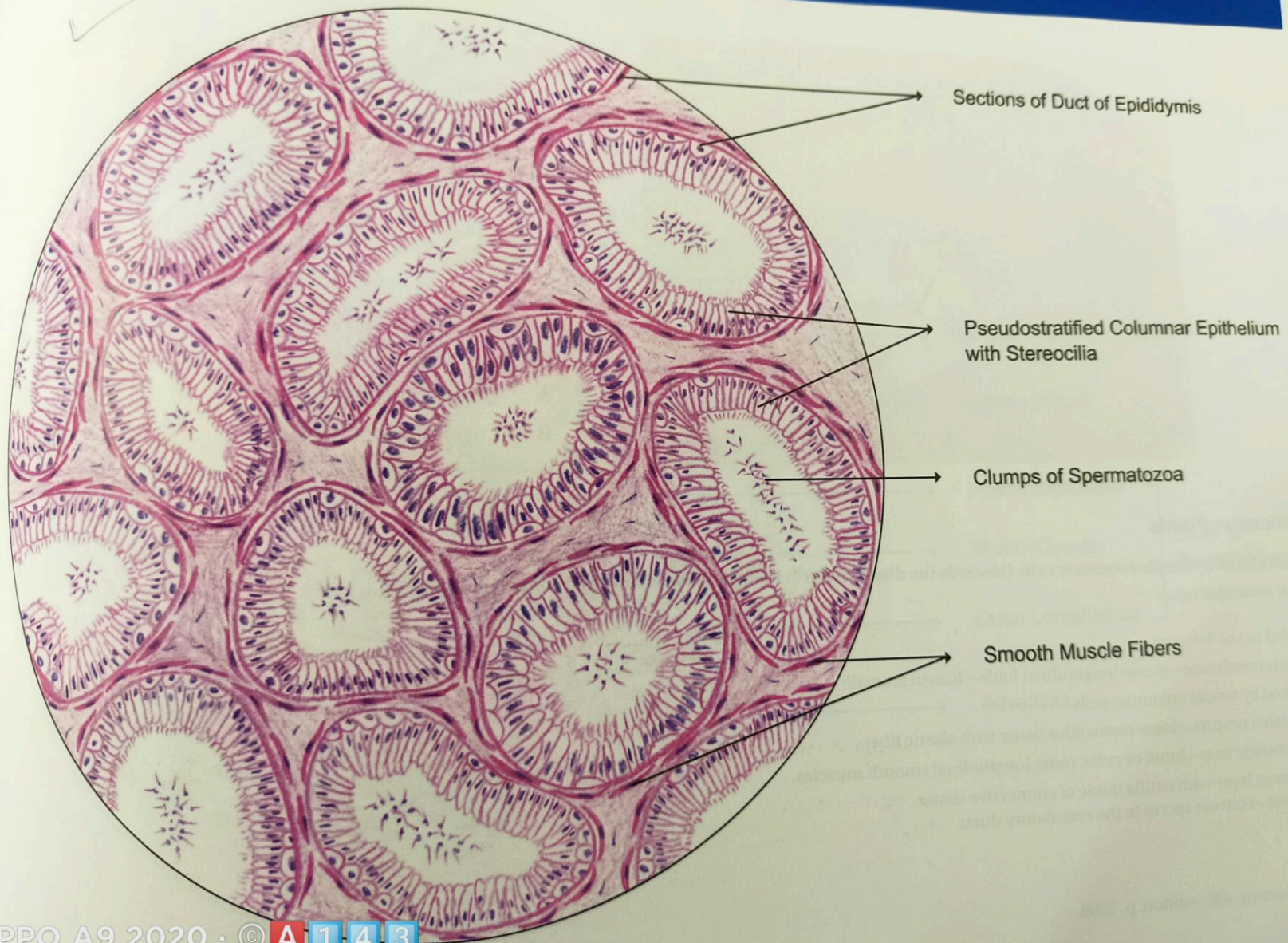






## 56. EPIDIDYMIS

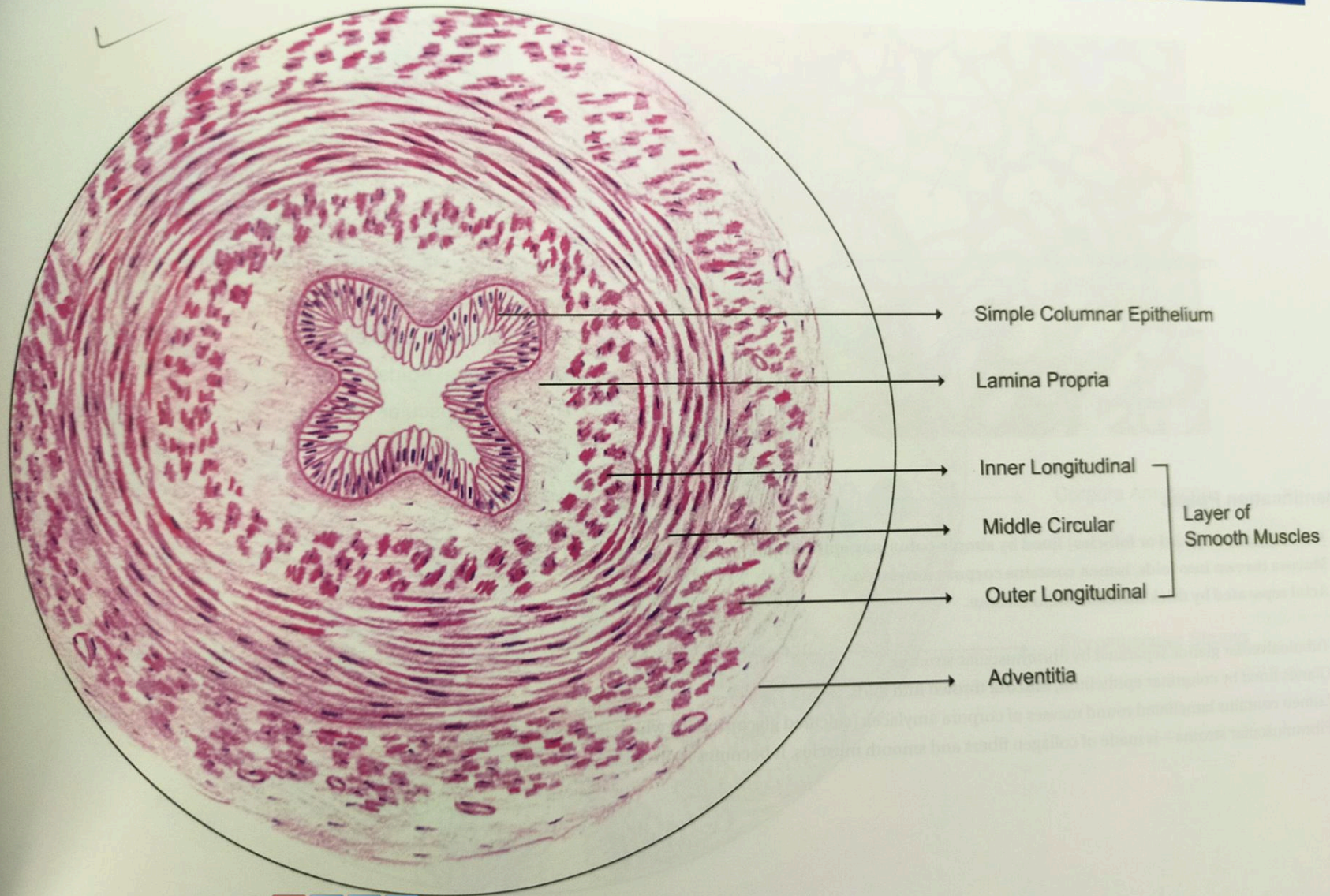
119





## 57. DUCTUS DEFERENS/VAS DEFERENS

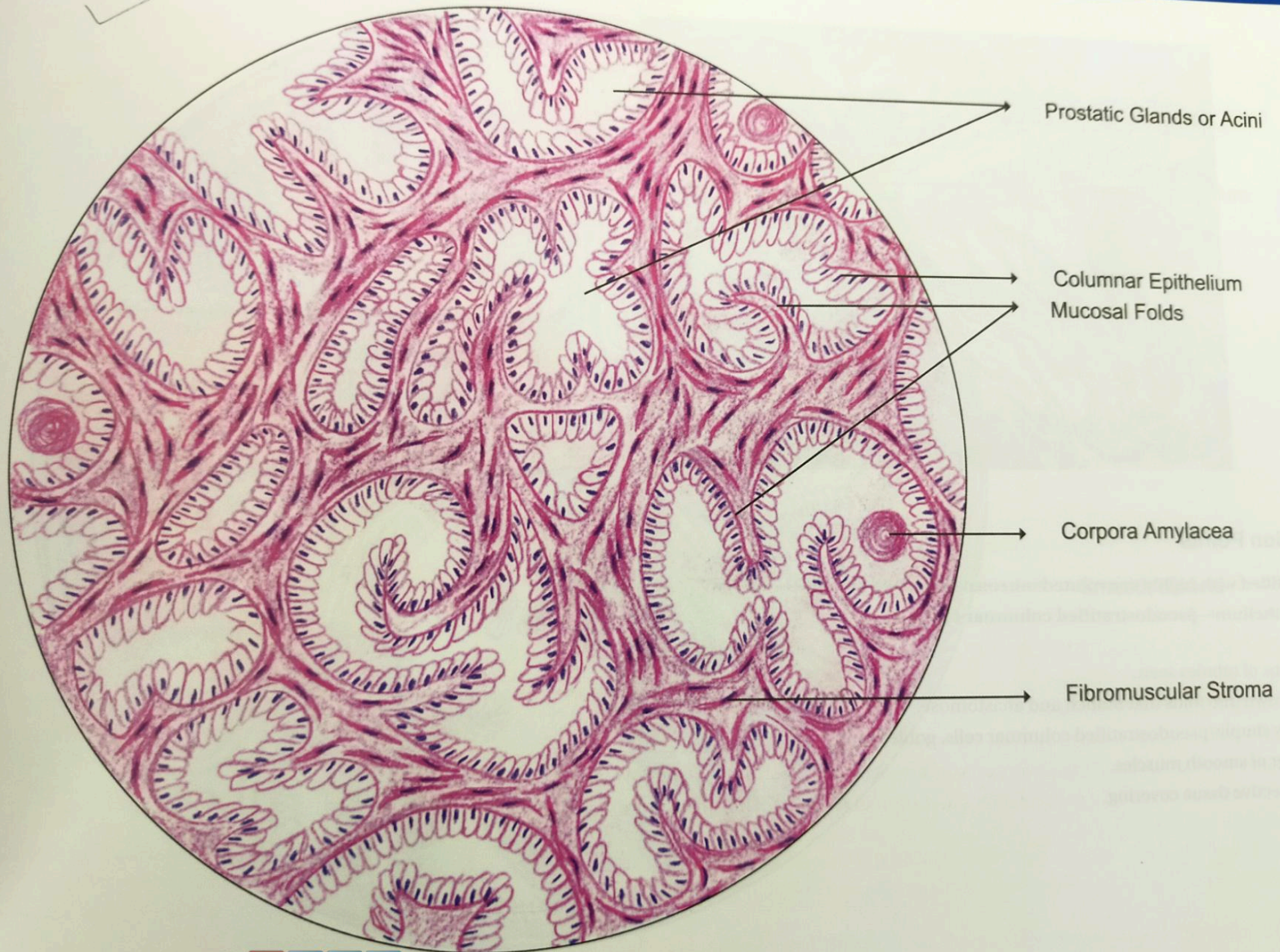
121





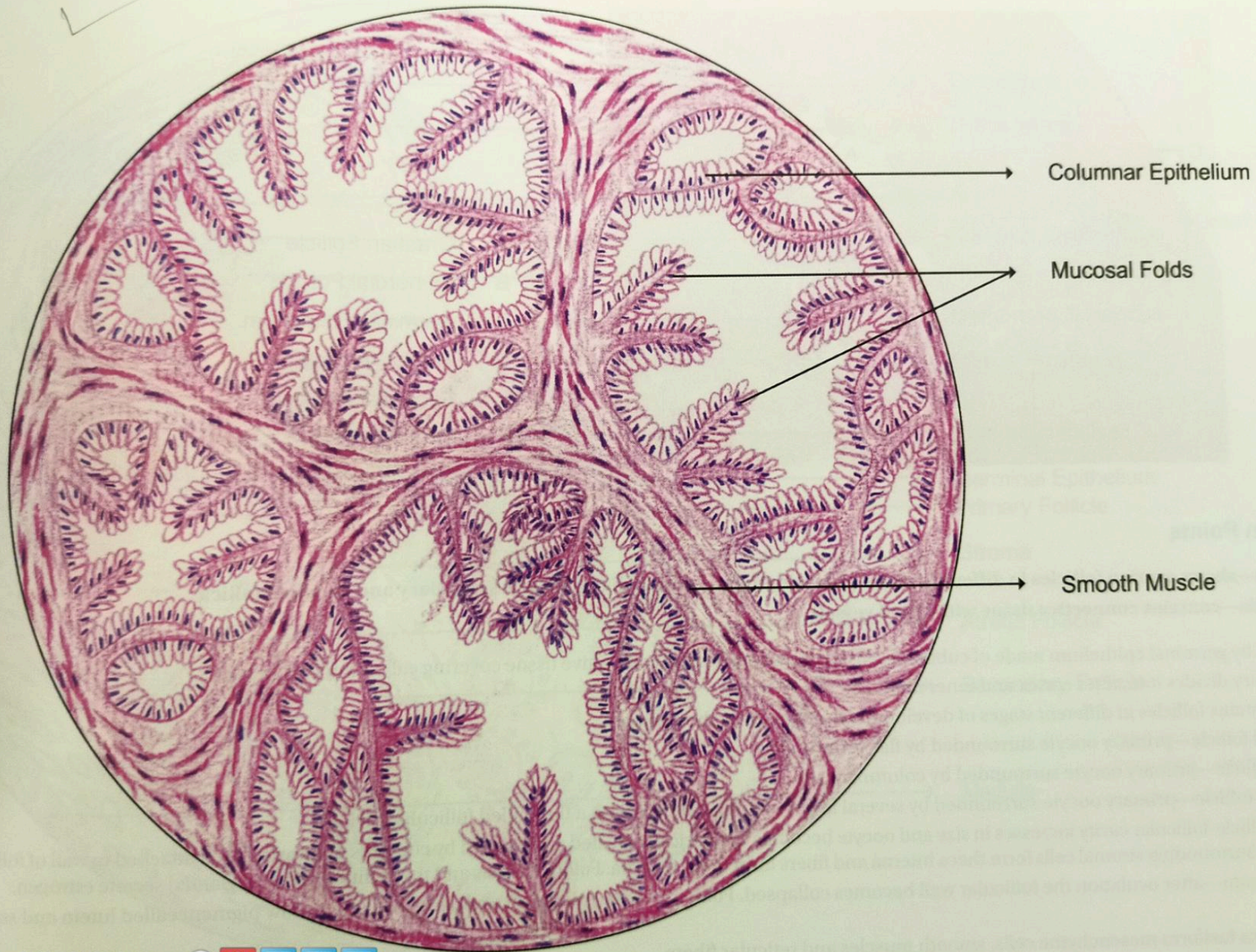
## 58. PROSTATE

123



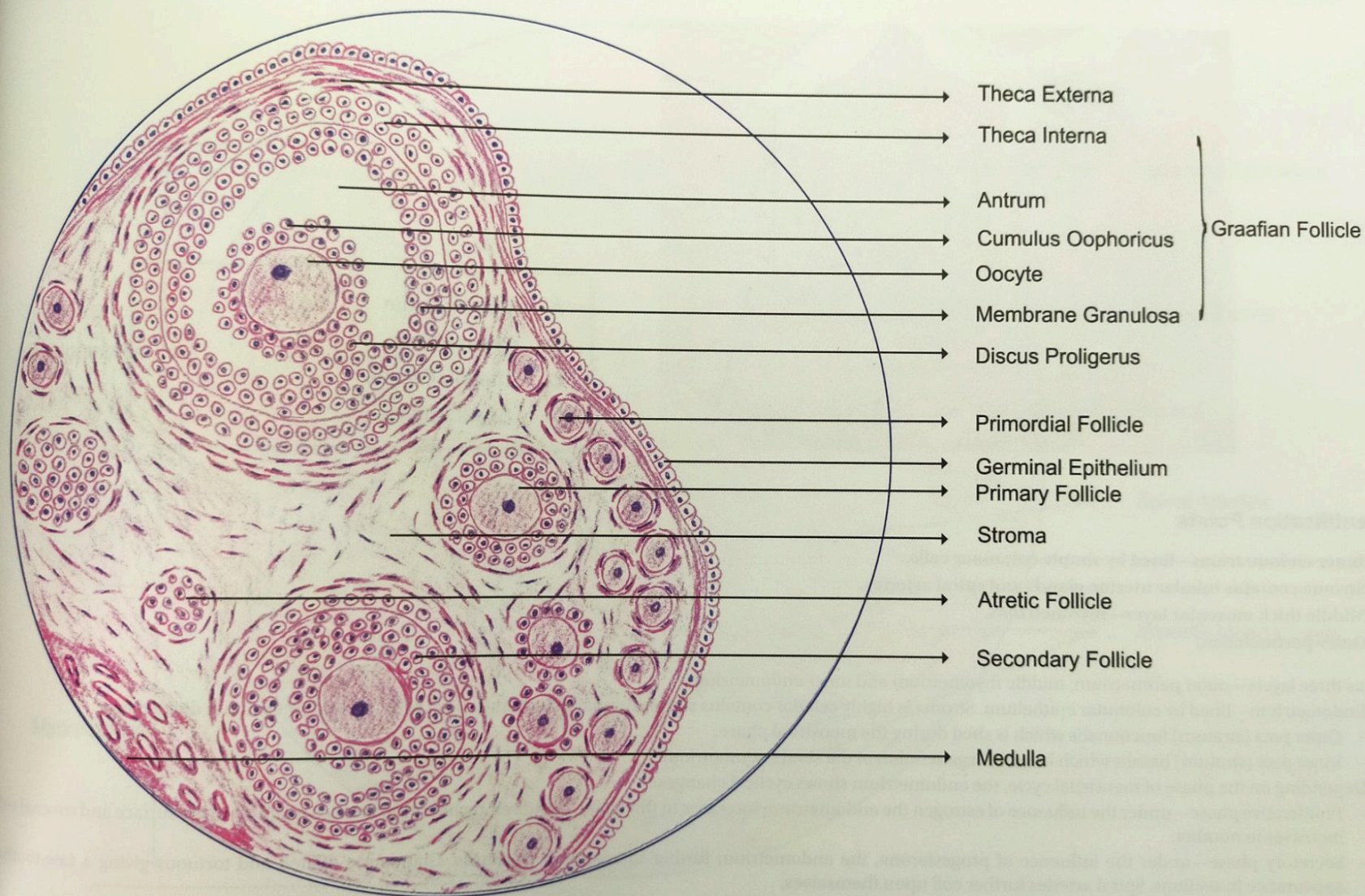


## 59. SEMINAL VESICLE



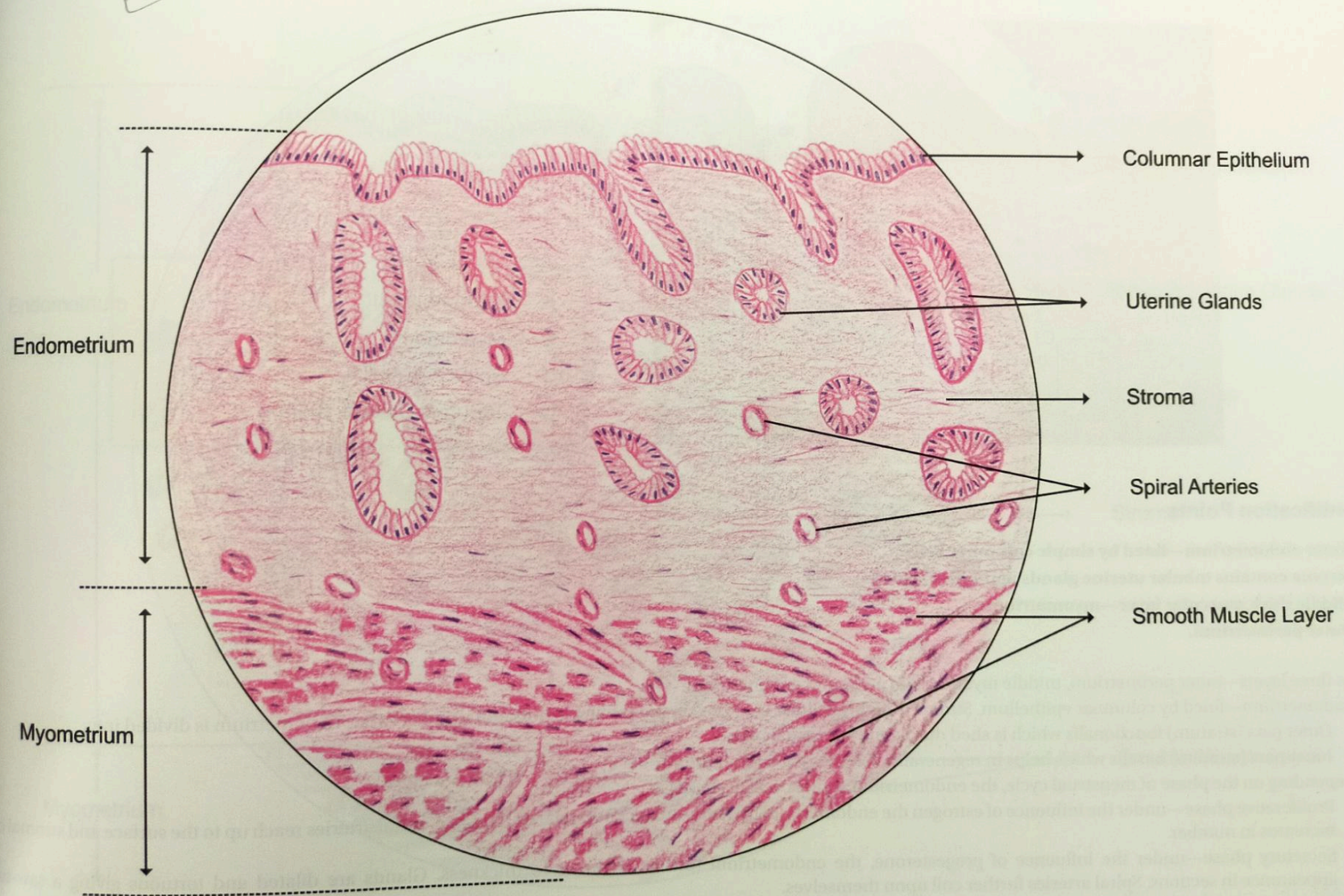


## 60. OVARY



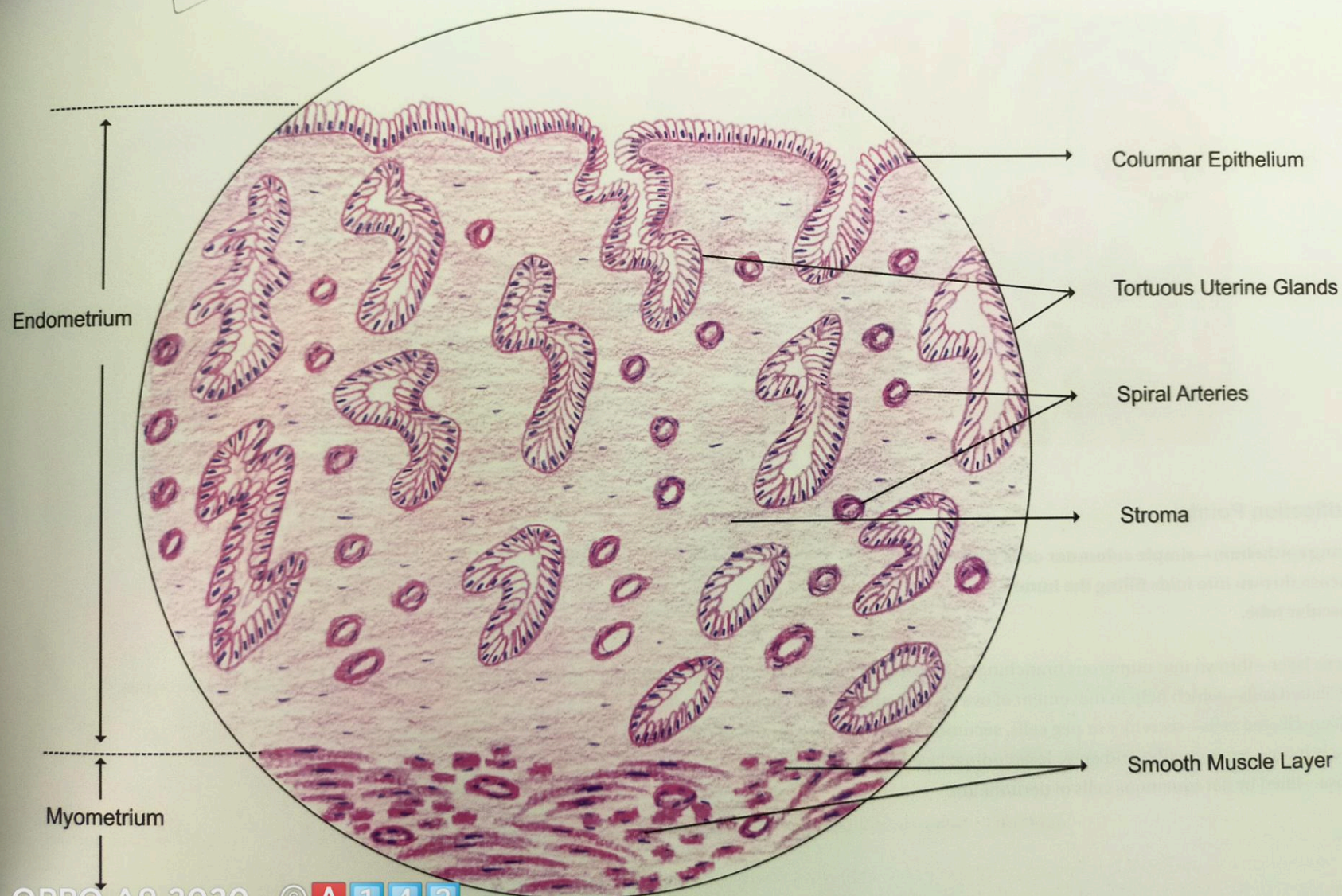


## 61(A). UTERUS: PROLIFERATIVE



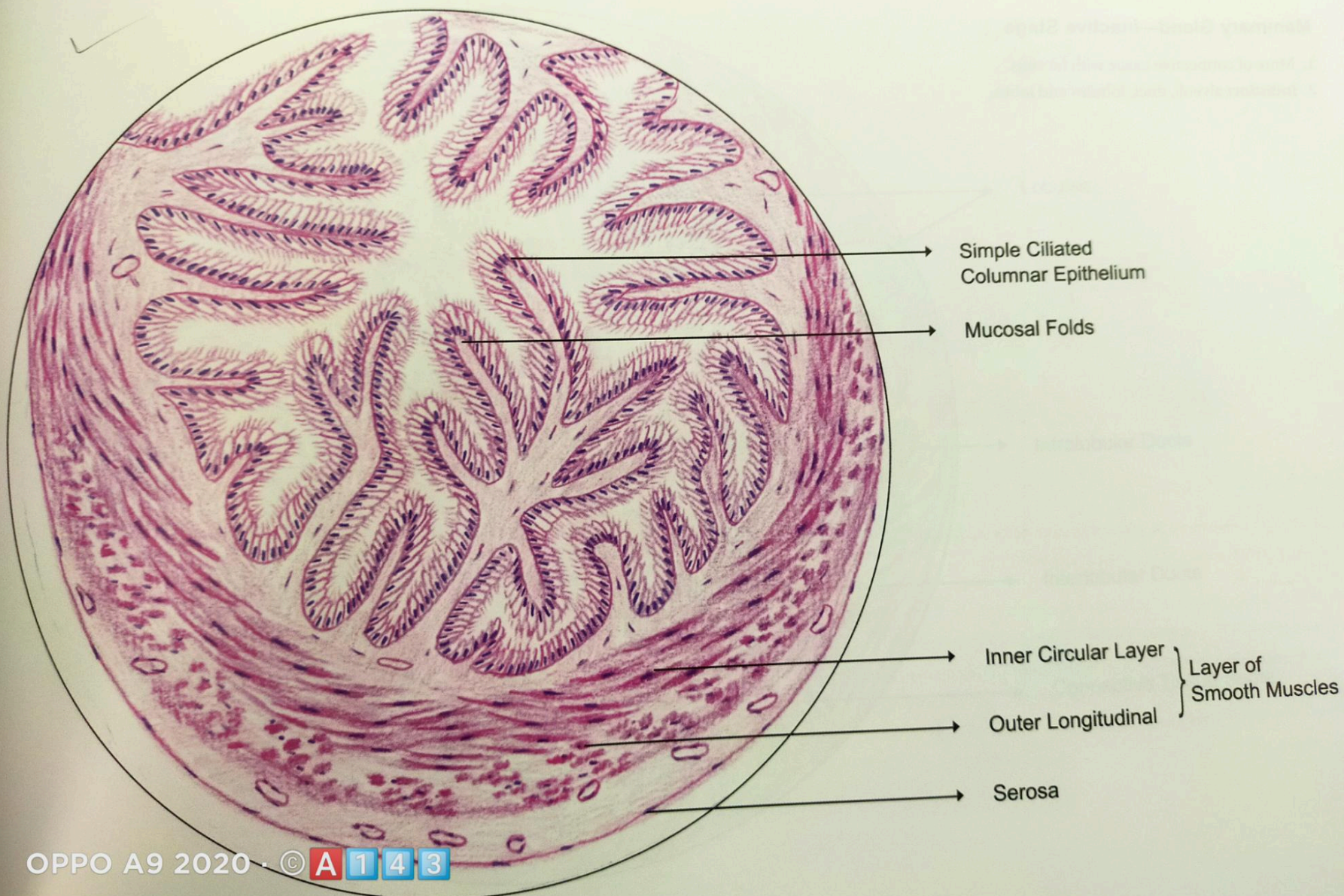


## 61(B). UTERUS: SECRETORY





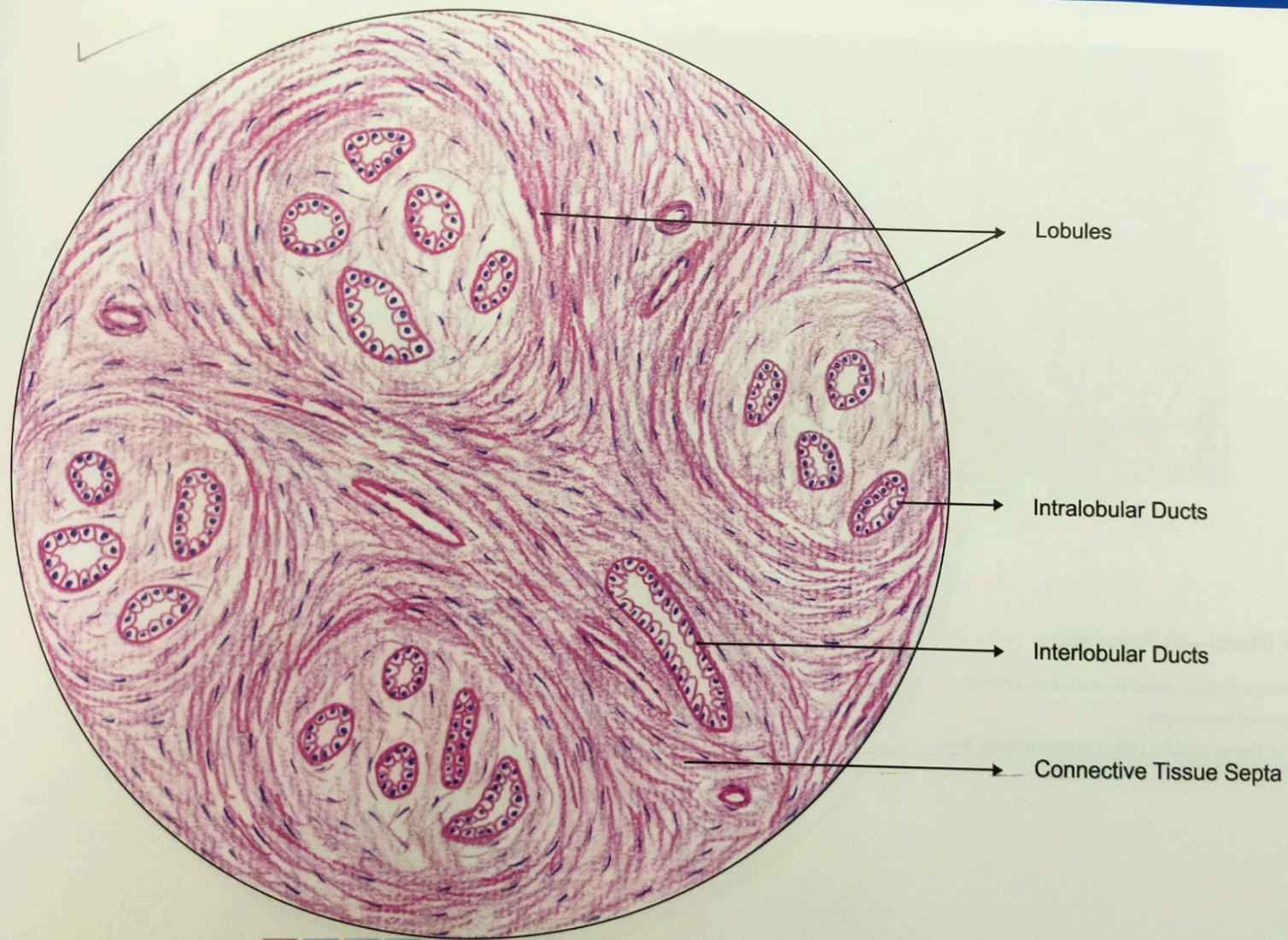
## 62. FALLOPIAN TUBE





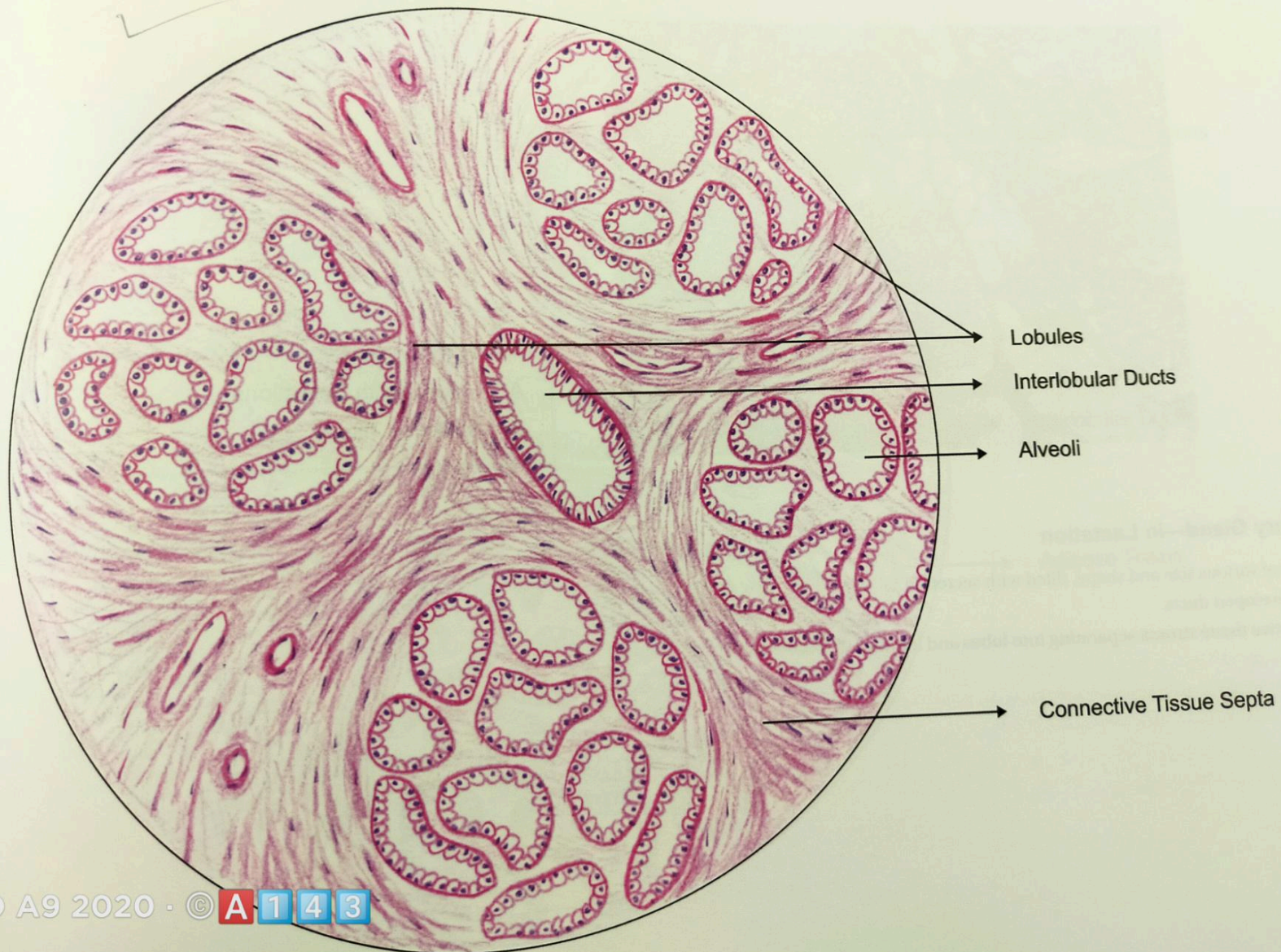
## 63(A). MAMMARY GLAND: INACTIVE STAGE

135





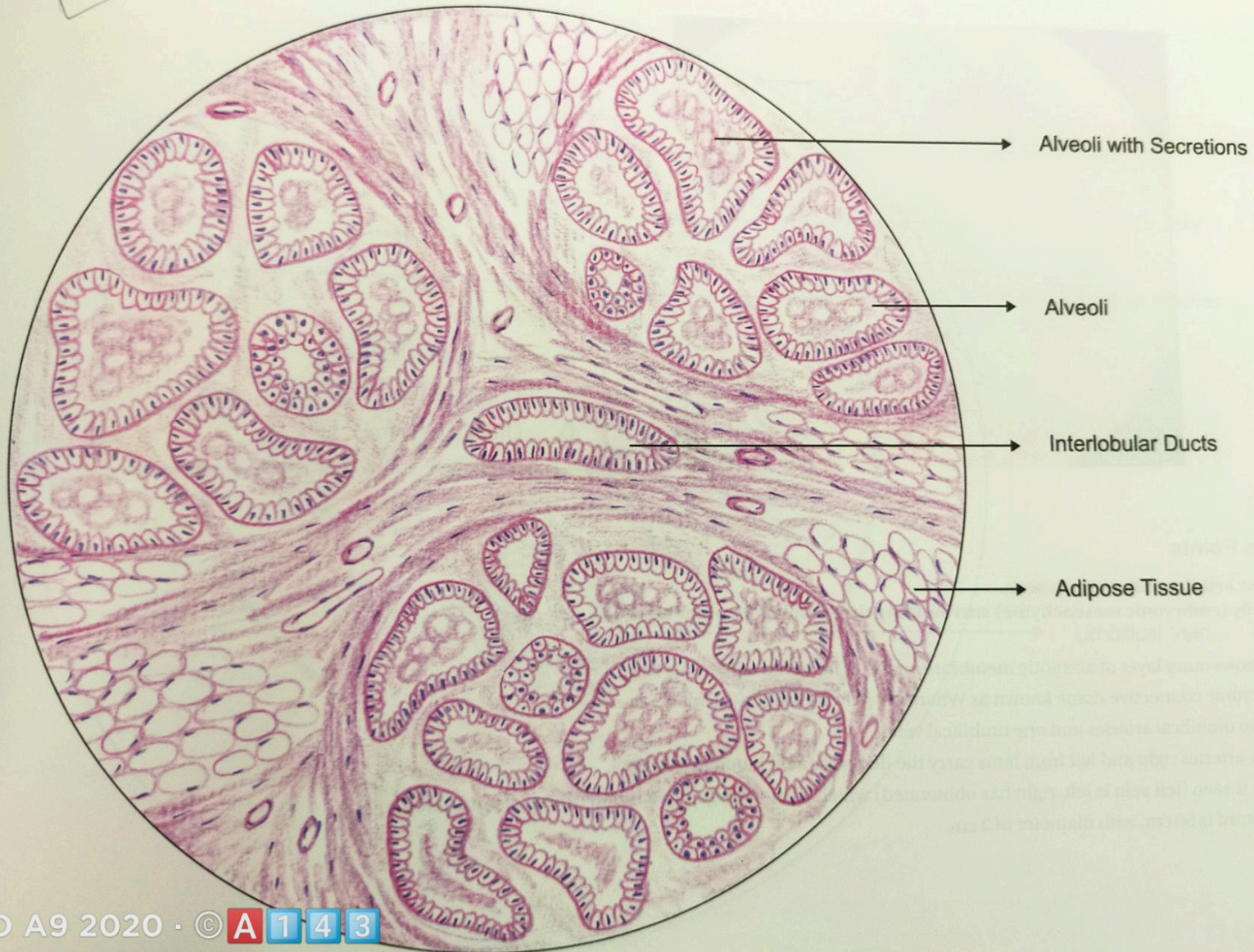
## 63(B). MAMMARY GLAND: IN PREGNANCY





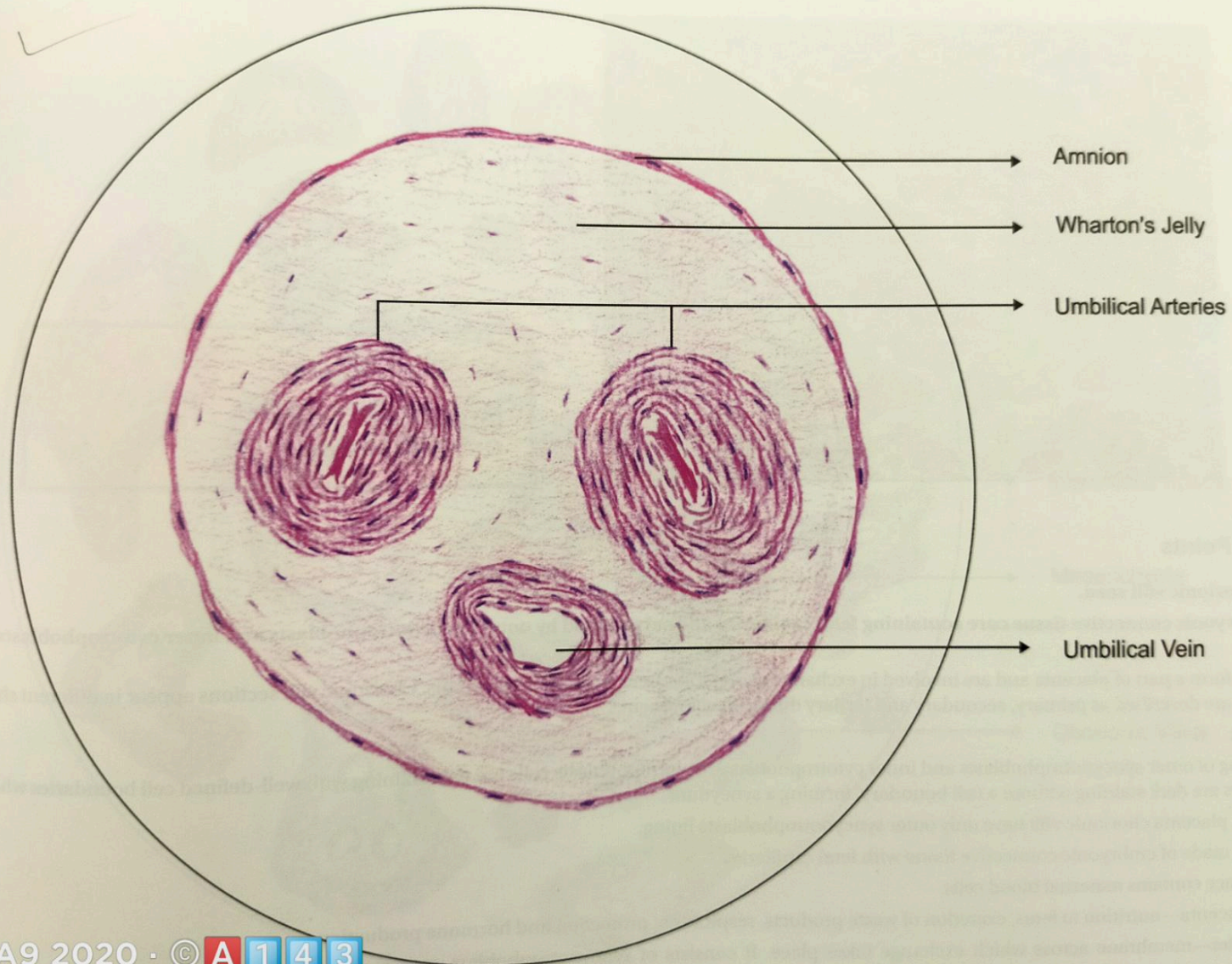
## 63(C). MAMMARY GLAND: IN LACTATION

139



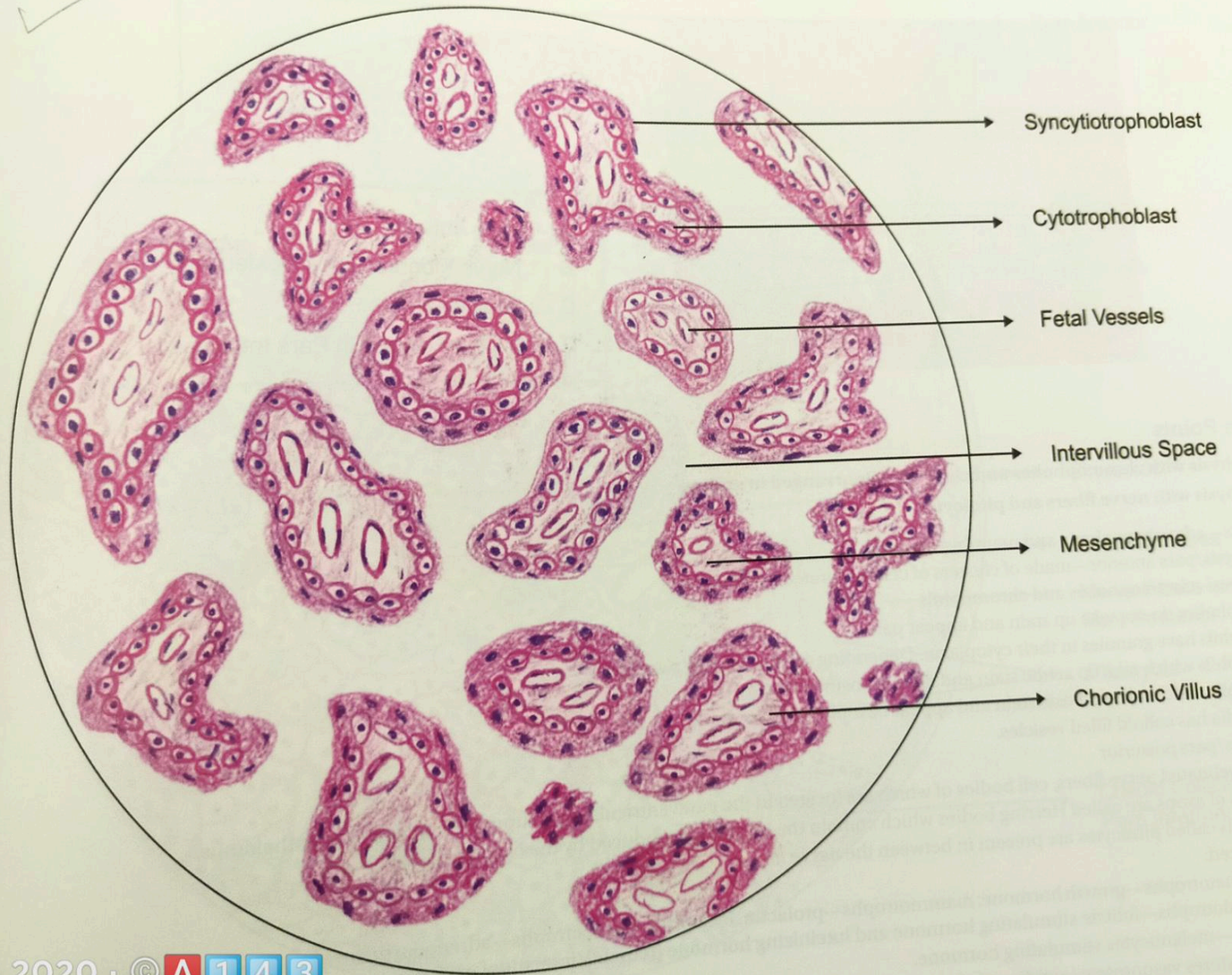


## 64. UMBILICAL CORD



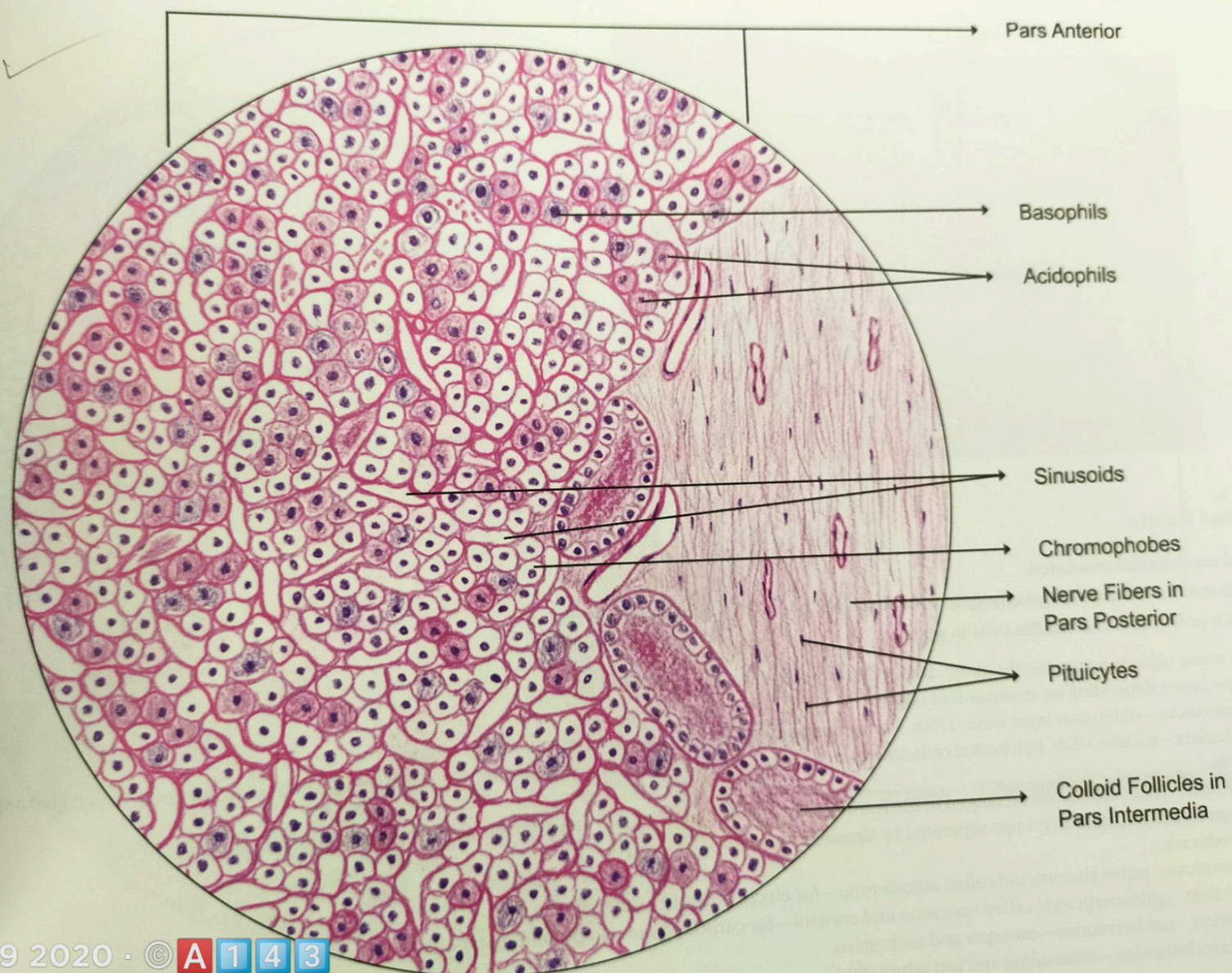


## 65. PLACENTA



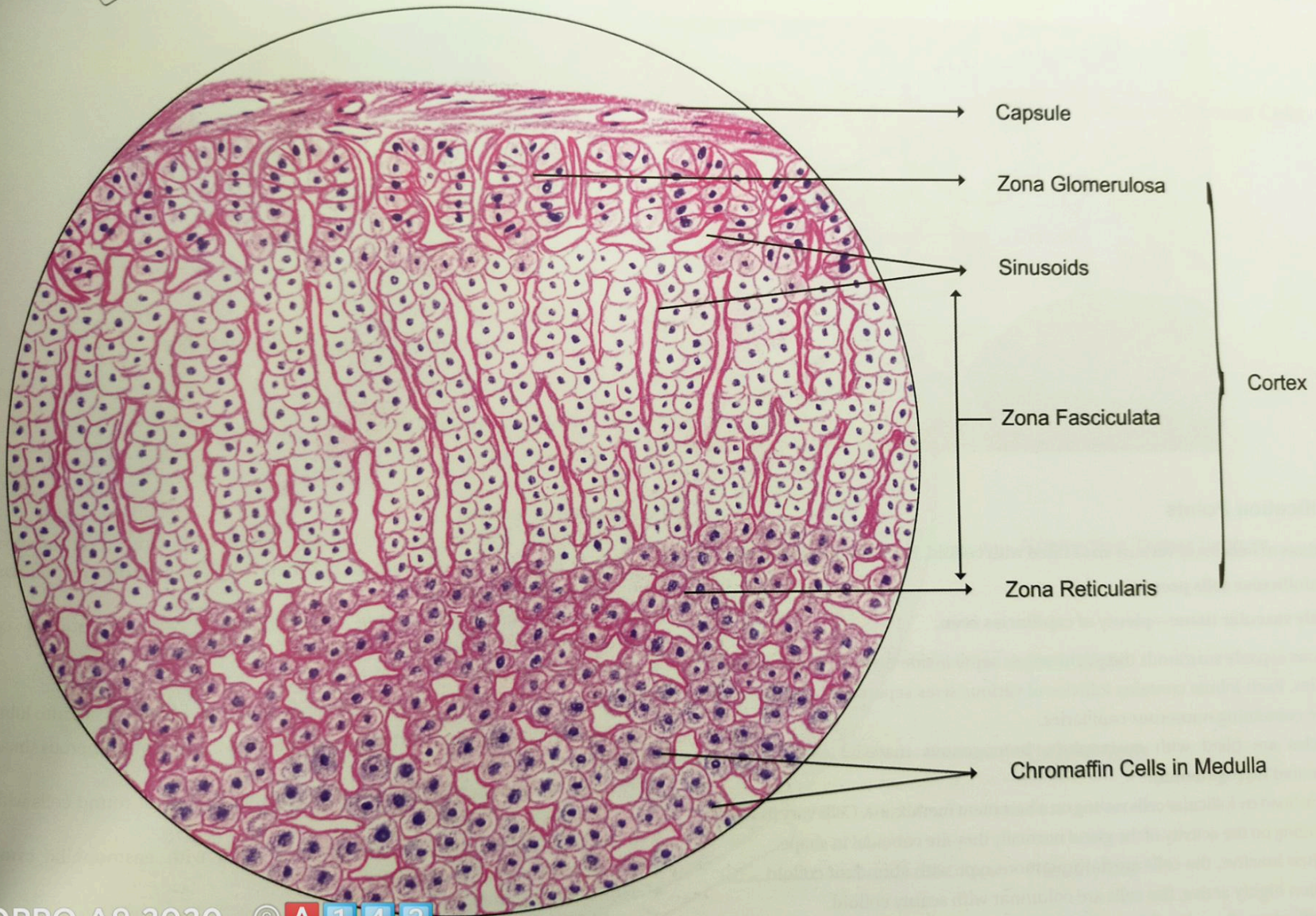


## 66. PITUITARY GLAND



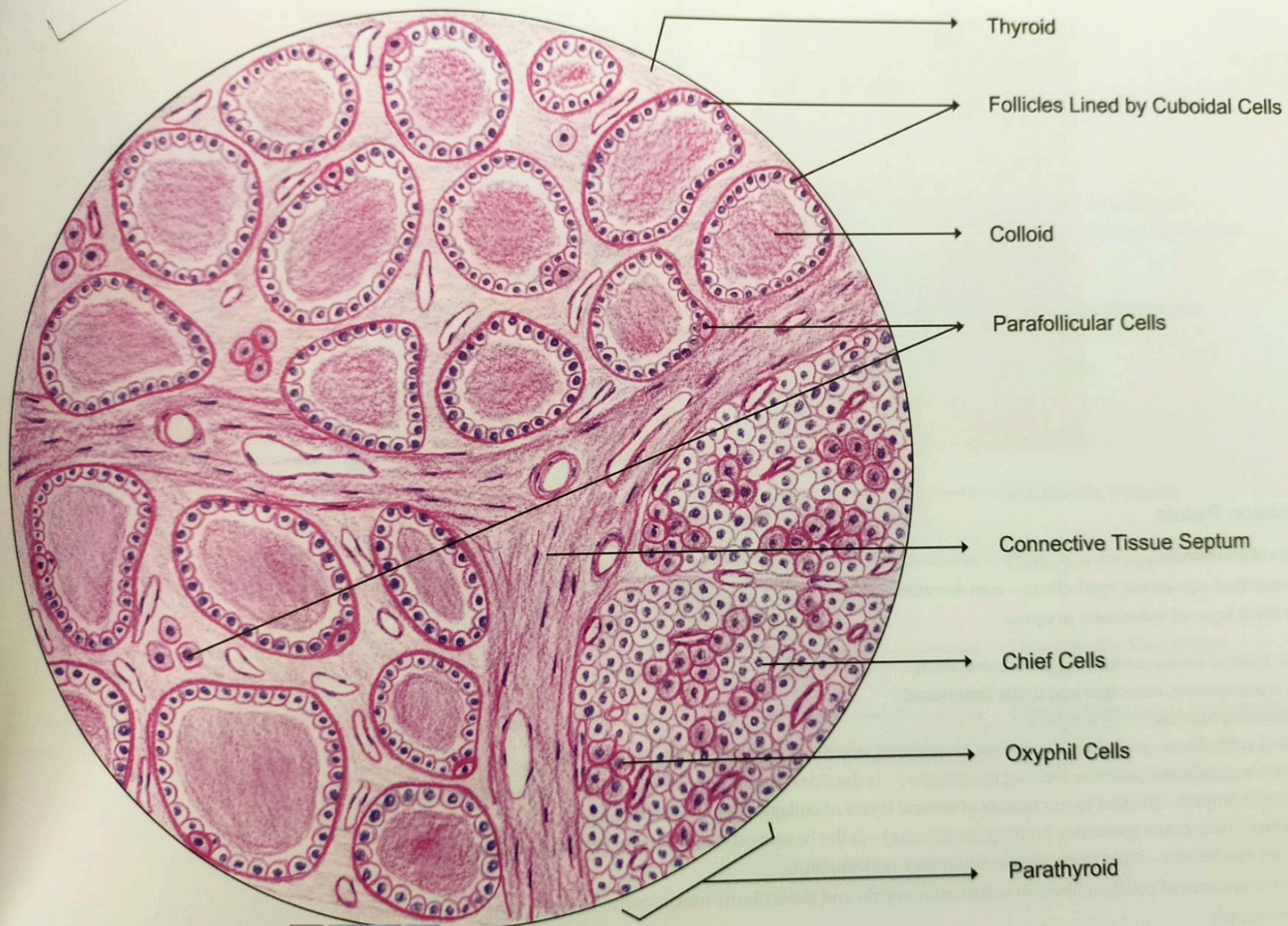


## 67. SUPRARENAL/ADRENAL GLAND



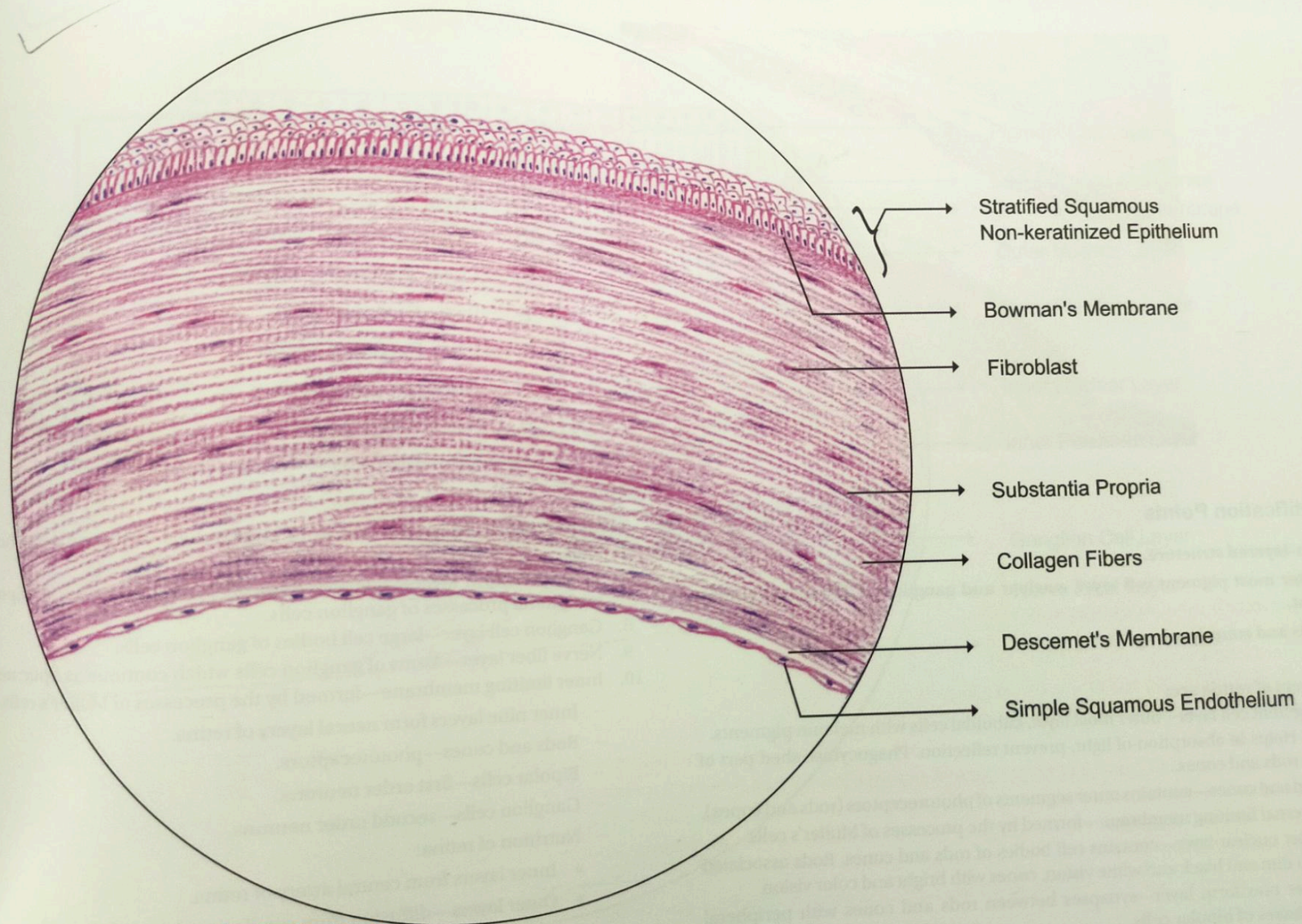


## 68. THYROID AND PARATHYROID

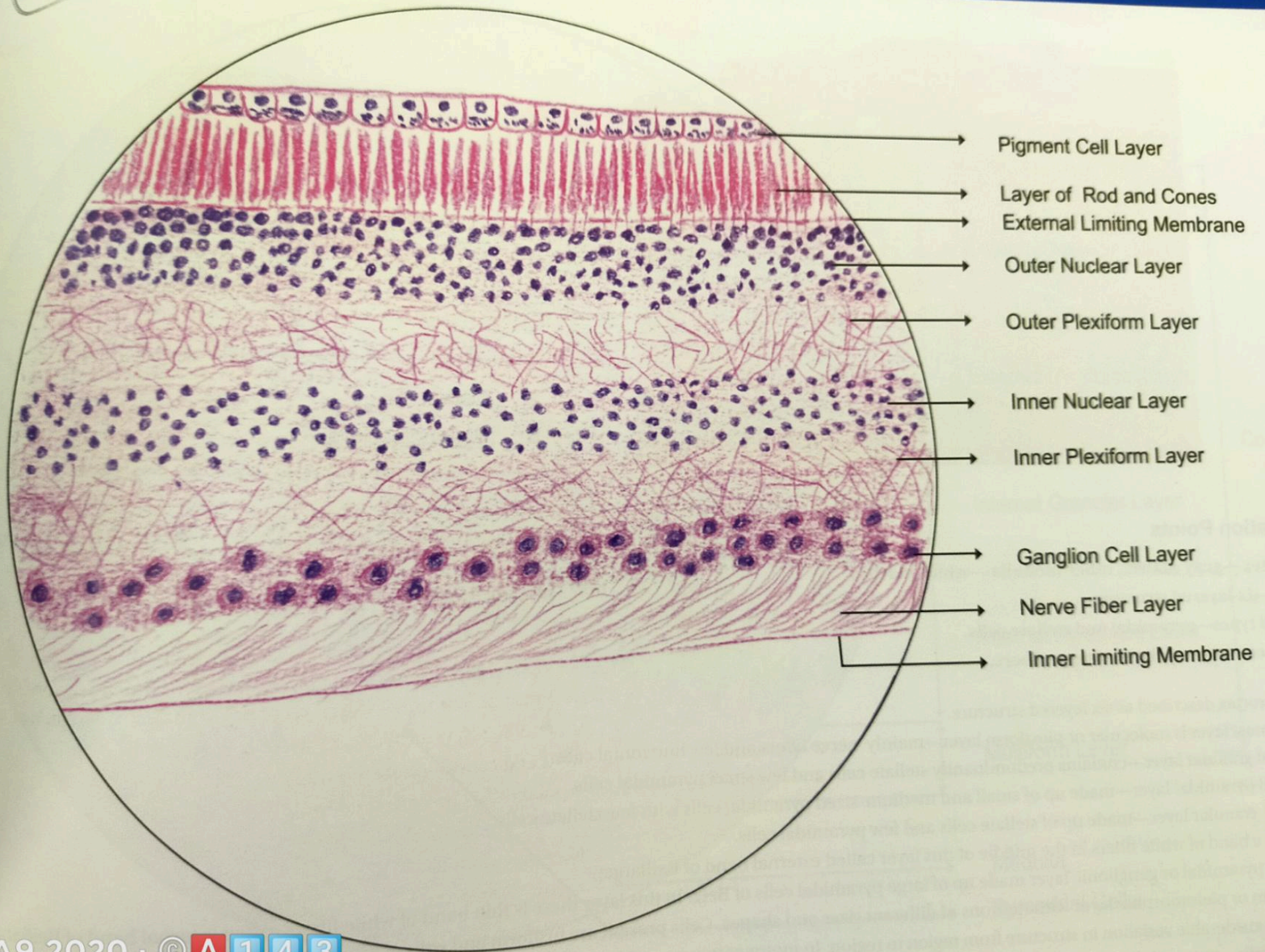




## 69. CORNEA









## 71. CEREBRUM

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