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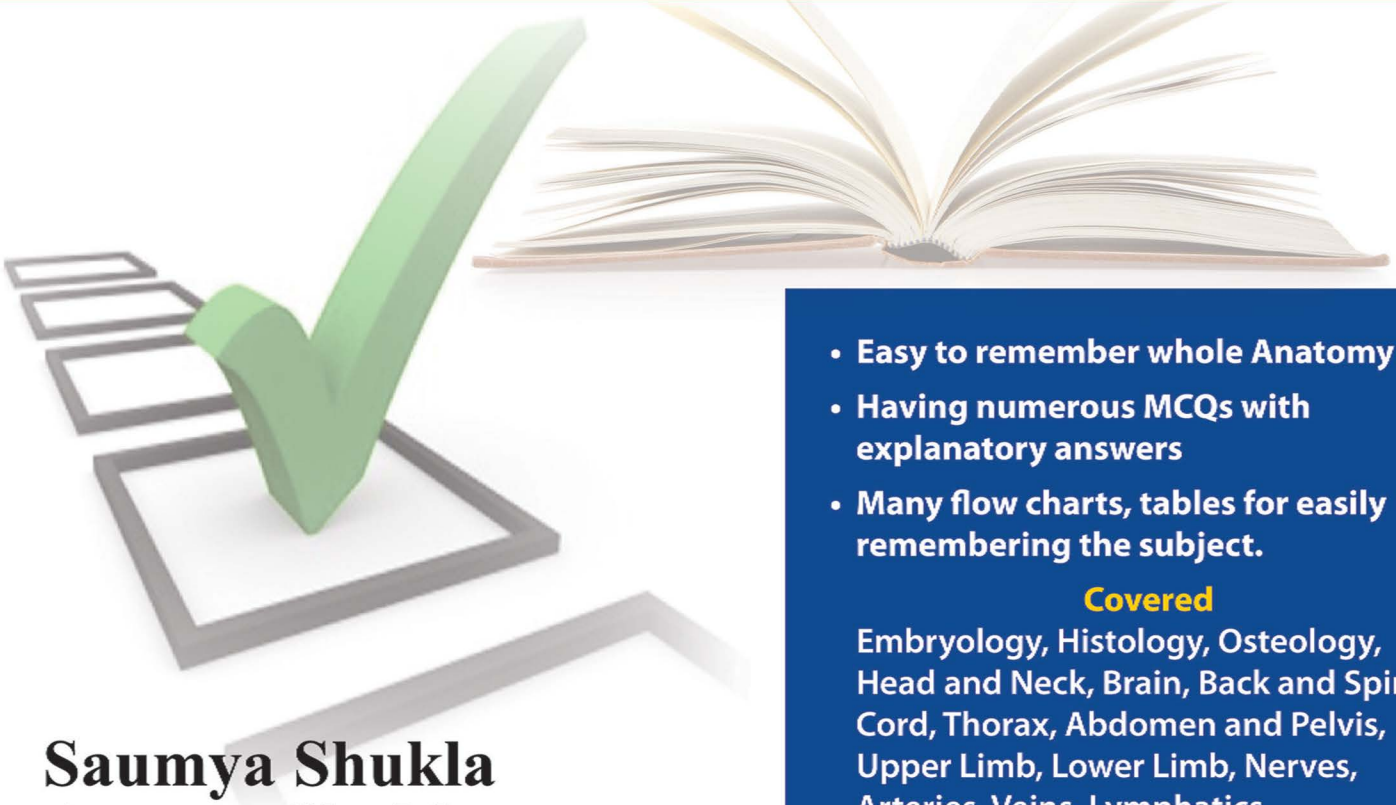
Last Minute Revision

ANATOMY



- Easy to remember whole Anatomy
- Having numerous MCQs with explanatory answers
- Many flow charts, tables for easily remembering the subject.

Covered

Embryology, Histology, Osteology, Head and Neck, Brain, Back and Spinal Cord, Thorax, Abdomen and Pelvis, Upper Limb, Lower Limb, Nerves, Arteries, Veins, Lymphatics.

Saumya Shukla
Anurag Shukla

Contents

1. Embryology 1
2. Histology 43
3. Osteology 59
4. Head and Neck 72
5. Brain 114
6. Back and Spinal Cord 134
7. Thorax 142
8. Abdomen and Pelvis 160
9. Upper Limb 203
10. Lower Limb 219
11. Nerves 231
12. Arteries 272
13. Veins 292
14. Lymphatics 302

Answers:

Cells & Epithelium

1. A i.e. Gap Junction *[Ref: Ganong: Review of medical Physiology 21/e P-16-17]*
2. A i.e. Transitional **3. C i.e Uretro-urethral junction;**
4. D i.e. Transitional **5. B i.e. Squamous epithelium**
6. D i.e. Membranous Urethra **7. A. i.e. Distal convoluted tubule** **8. A i.e. Simple squamous**
[Ref: Histology-Inderbir Singh 4/e P-48, 262; Mohini Kaul 3/e P-122-123; Gray's 38th/e P-1822-23; Krishna Garg – Histology 3/e P-124]
9. E i.e. Pseudostratified **10. B i.e. Sebaceous glands**
11. A. i.e. Stratified Squamous non Keratinizing **12. A i.e. A**
13. C i.e. Cuboidal – Columnar **14. B. i.e. Non – keratinized stratified squamous epithelium**
15. D i.e. Lung alveoli –Browman's capsule **16. C i.e., Simple columnar with brush border**
17. A i.e. Collecting duct *[Ref: Difiore's Atlas of histology 11/e p –29-41,212-13, 363; Gray's 39/e p- 29-33,622; IBS Histology p. 45- 52, 202-6, 278; Krishna Garg-Histology 3/e p-124]*
18. B i.e. Auditory *[Ref: Grays 40/e p. 57; IBS Histology 6/e P-234; Ross Pawling 6/e P-936-37, 530; Snell's 7/e P- 841]*
19. C i.e. Ollgodendrocyte **20. B i.e. Myelin formation** *[Ref: BDC 4/e vol III p – 300, Gray's Anatomy 39/e p- 50-52]*
21. A i.e. Microglia *[Ref: Di Fiore's histology 7/e p-290]*
22. C i.e., Spinal dorsal root ganglion *[Ref: BDC 4/e vol III p – 300, Gray's Anatomy 39/e p- 44, 59, 235, 391]*
23. B. i.e. Bronchioles *[Ref: Inderbir Singh-textbook of Human Histology 4/e p-214; Chandrasoma Taylor 3/e P-506]*
24. D i.e. Langerhans cells *[Ref: Gray's 39/e p. 1057- 62, 82; diFiore's : Atlas of histology 11/e p- 350 –51]*

Excretory System

25. B i.e., Smooth muscle cells of afferent arteriole **26. C. i.e. JG cells, D-i.e. Type I medullary cells** *[Ref: Ganong 22/e p- 700-702]*
27. A i.e. Mucosa loosely attached to the underlying musculature *[Ref: BDC 4/e vol- II p. 347]*

Gastrointestinal System

28. C i.e. Muscularis *[Ref: Ross and Reith- Histology P-416]*
29. D i.e. Fundus **30. A > B i.e. Fundus > Body**
Ref: IB Singh -274-288 5/ed pg-240-43, An Atlas of histology - znang 1999 – Pg- 220; Ganong 22/ed pg- 491; Gray's Anatomy 40/e p. 1120-22, 1112; Morson & Dawson's gastro intestinal pathology 4/ed pg-94
31. A i.e. Duodenum
32. C. i.e. Duodenum *[Ref: BDC 4/e Vol III P-251; Human Histology Inderbir Singh 4/e P-242-3]*
33. B i.e., Upper duodenum *[Ref: Di Fiore's histology 7/e p- 178-80]*
34. C i.e. Neck Cells *[Ref: Mohini Kaul 3/e P-105]*
35. (Question is wrong, it should have A/E and then the answer) is C i.e. Foamy cytoplasm; But if the Question is about characteristic feature then Ans is D i.e. Numerous lysozyme granules
36. D i.e. Foamy appearance
37. C i.e. Paneth cells *Ref: Gray's 40/e p. 1133-35, 1210; Ross histology 6/e p. 589-95; Gunasegaran 1/e p. 193; Robbins 7/e p. 828-29; Ross (Harper edition) p. 430; Difiore's : Histology 11/ed pg- 292- 296-97; Inderbir Singh Histology 6/e p. 254-55; Ganong 22/e pg-506; Shakelford's Alimentary tract surgery 7/e pg- 998*
38. C i.e. GALT is absent in lamina propria; E i.e. Close cell secrete digestive enzymes *[Ref:Gray's 40/e p 974]*
39. E i.e. All *[Ref: Ganong 22/e , p- 479-80; Gray's 40/e p. 1051]*
40. B i.e. Vagina *[Ref: Keith Moore Clinical Anatomy 4th/e P-415-413; Shaws textbook of gynaecology 13/e P-5]*
41. C i.e. Liver **42. C i.e. Liver**
43. B i.e. Hepatic lobule is functional unit
[Ref: Ganong 22/e 499-500; Di Fiore's histology 7/e, p-200-01; Blue histology : Lutz Stomianka – The live lobule]
44. A i.e. Kidney *[Ref: Di Fiore's histology 7/e p 120-21, 114-15, 230-33, 242-46, 198-200, 112-14]*

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Lymphoid System

45. **D i.e. Vascular sinuses** *[Ref: Atlas of Histology – Difoires 7/e p. 121; I B Singh Histology 4/e P-185; Harsh Mohan 5/e P-464; www.med.ca/anatomyts/thorax/lymphist.htm]*

46. **A i.e. Thymus** **47.** **C. i.e. Thymic corpuscles are seen in cortex** *[Ref: Di Fiore's histology 7/e- p-118-19]*

Integumentry System

48. **A i.e. Bulb of hair follicle**

49. **C i.e. Sebaceous gland** *[Ref: Di Fiore's Histology 7/e 130- 31; Gray's 39/e p- 34-35, Difiore's Atlas of histology 11/e p – 43]*

Nervous, Cardiac & Musculoskeletal System

50. **C i.e. They are multipolar** *[Ref: IBS Embryology 7/e P-312-14; Langman's 9/e P- 443; IBS Histology 4/e p-164]*

51. **A. i.e. Cardiac muscle** *[Ref: IBS Histology 4/e p-129]* **52.** **B i.e. Has multiple nuclei**

53. **D i.e. Gap junction** *[Ref: Ganong 22/e 78, 79; Guyton 11/e p. 103, 104; Chaudhari 5/e p. 161]*

54. **B i.e. Syncytium** *[Ref: Ganong 22/e p- 65-66, 82-83]*

55. **A i.e. Subcapital fracture** *[Ref: Campbell Operative orthopaedics 10/e P-2918]*

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Salient Features

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