Midterm of Histology 023



{بسم الله الرحمن الرحيم }

- 1- If we need to count specific type of cells in a tissue section, what type of staining should we use?
 - A) trichrome
 - B) immunostaining
 - C) H&E

Answer: B

- 2- Two structures spaced by 3 micros Describe the resolution:
- A) Resolved using both EM & LM
- B) Just resolved using LM and Resolved using EM.

Answer: B

- 3- Which location that had stratified squamous and Dense irregular CT?
 - A) Stomach
 - B) liver
 - C) Skin
 - D) urinary bladder

Answer: (c) skin

- 4- Which order of structures in the Collagen 1 assembly is correct:
 - A) procollagen- fibril fiber bundle
 - B) precollagen- fibril fiber bundle

Answer: A

- 5- which is correct about white adipose tissue:
- A) it is equally distributed in the adult body
- B) it has one fat vacuole

Answer: B

- 6- scurvy includes integrin of certain fibers what lead to bleeding gums, what fibers we are talking about:
- A) collagen
- B) collagen and elastic
- C) elastic and reticular
- D) all 3 fibers

Answer: A

- 7- Collagen I and collagen IV are respectively:
- A) fibril, network forming
- B) net work forming, fibril

Ans: A Collagen I is a fibril-forming collagen, while collagen IV is a network-forming collagen.

- 8- Which is incorrect statement:
- A) reticular laminae have reticular fibers and collagen VII
- B) nudgen and prelactin bind lamnin through collagen IV network
- C) collagen IV make 2D network in the reticular lamina

Answer: C

- 9- the covering of cornea is:
- A) stratified squamous epithelium, non kertanizied
- B) stratified squamous epithelium, kertanizied
- C) stratified columnar

Answer: A

- 10- endothelium rises from:
- -all 3 germinal layers
- 11- To visualize the living cells, we use:
- -phase contrast microscopy
- 12- Which of the following mismatches?
- A) simple columnar --- secretion
- B) stratified columnar --- protection
- C) pseudostratified --- transitional
- D) stratified squamous --- secretion

- 13- Which is incorrect statement:
 - metal impregnation is common in laboratories
- 14- PAS staining show reticular collagen because it contains:
 - hexoses sugar
- 15- What is correct about mesenchyme:
- A) it is located around blood vessels only
- B) it has significant amount of ground substances
- C) it is abundant with collagen fibers
- D) all epithelial cells rise from mesenchyme
- E) mesenchyme rises from endothelium

Answer: B

- 16- What is correct about fluorescence microscopy:
- A) the emitted light is in the invisible spectrum
- B) the specimen is illuminated by visible light
- C) the emitted light is shorter
- D) The fluorescent substances appear bright on a dark background.

Answer:D

- 17- Microtome is a machine for
 - A) slicing and trimming
 - B) staining

C) embedding	
	Answer: A
8- Regarding sterocilia what is correct? A) it's like cilia but shorter B) it's found in female genital tract and middle C) it's motile D) detection of motion	ear
	Answer: D
9- Where can we find a striated structure? A) microvilli —>intestinal B) cilia —>intestinal C) microvilli of kidney tubules	Answer: A
0- Which one is the most apical structure? A) Zonula occludens B) Desmosomes C) Zonula adherens D) Gap junctions	
	Answer: A

21- Choose the mismatched pair

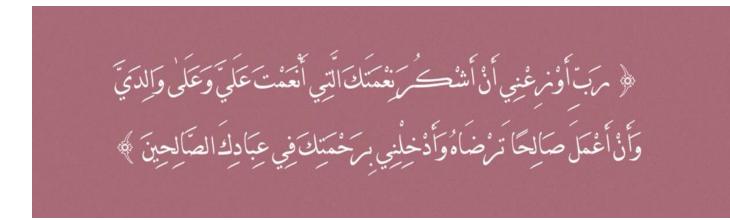
A) Desmosomes/ desmogleins, desmocollins

- B) Gap junction/connexins
- C) Hemidesmosomes/cadherin
- D) Zonula adherens/ e-cadherin

Answer: C

- 22- There is stratified epithelium in all this structures except:
 - A) Oral cavity
 - B) urinary tract
 - C) covering of ovaries
 - D) Large ducts

Answer: C



- بعض الأسئلة تم إضافة خيارات من عندنا لنسيان الاصلية

Good luck 2 🍆

Done by:

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