

2017 Histology Midterm Exam.

Done by: Dana Alrafaiah

- 1- Wrong about cilia?
 - a- The core is called axoneme.
 - b- The neighboring doublet consists of longitudinal microtubules 9+2
 - c- Causes celiac disease.
 - d- The neighboring doublet connects with nexin

- 2- What is considered a clearing reagent?
 - a- Xylene.
 - b- Formaldehyde.
 - c- Ethyl alcohol.
 - d- Hematoxylin
 - e- Paraffin wax

- 3- The movement of the substances to and from connective tissue is regulated by?
 - a- Apical domain of epithelial tissue.
 - b- Basal domain of epithelial tissue.
 - c- Basal lamina.

- 4- Which statement is incorrect about myoepithelial cells?
 - a- They are called basket cells.
 - b- They contract when stimulated.
 - c- They don't contain myosin and actin.

- d- Fusiform, stellate in shape.
- 5- Location of stratified squamous cells keratinized?
- a- Lungs
 - b- Esophagus
 - c- Epidermis of the skin.
- 6- Example of merocrine glands?
- a- Salivary glands.
 - b- Mammary glands.
 - c- Sebaceous glands.
 - d- Ceruminous glands.
- 7- Which of the following is incorrect about goblet cells?
- a- The apical part of the cell has secretory granules that contain serous secretion.
 - b- Can be found in gastrointestinal and respiratory tract.
 - c- Protects and lubricates many internal body surfaces.
 - d- Nucleus located in the base.
- 8- In which cells are lysosomes abundant?
- a- Red blood cells.
 - b- Phagocytic cells.
 - c- Pancreatic cells.
- 9- Which of the following has serous secretions?
- a- Sublingual gland.
 - b- Submandibular glands
 - c- Pyloric glands of the stomach.
 - d- Parotid salivary glands.
 - e- None of the above.
- 10- The most common junction in epidermis?
- a- Zonula occludens.
 - b- Gap junctions

c- Desmosomes.

d- Adherens Hemidesmosomes.

11- Which of the following isn't correctly matched?

a- Microvilli .. extensions of the plasma membrane.

b- Striated border .. ciliated simple columnar epithelium.

c- Basal surface infoldings .. proximal and distal tubules of the kidney.

d- Stereocilia .. found in epididymis.

12- Type of epithelium in mucous glands of colon?

Tubular.

13- Wrong about goblet cells?

Serous secretions.

14- The correct statement about Kartagener syndrome?

Causes immotile spermatozoa leading to infertility.

15- Mesothelium is present in?

Peritoneum

16- Wrong about ribosomes?

Do not have membranes.

17- Definition of external lamina?

Basal lamina of non-epithelial cells.

18- Target for Helicobacter Pylori?

ZO-1 protein.

19- Type of tissue in upper respiratory tract?

Ciliated Pseudostratified columnar epithelium with goblet cells.

20- Where does the paracellular pathway occur?

Across the Zonula occludens.

- 21- Wrong about hemidesmosomes?
Anchoring adjacent cells together.**

- 22- Where can we find simple coiled tubular?
Sweat glands.**

- 23- What is incorrect about tight junctions?
Major proteins are occludins ZO (1,2,3) and cadherins.**

- 24- Lining of urinary bladder?
Transitional epithelium.**

- 25- One of the following is wrong about fixation?
Removal of extractable water from tissue.**

- 26- Location of compound acinar glands?
Exocrine pancreatic glands.**

- 27- What does PAS react with?
Sugar of proteoglycans.**

- 28- Where can you find connexins?
Gap junctions.**

- 29- What lines the gastrointestinal tract?
Non-ciliated simple columnar.**

Best of luck