

Histology –final

1) Micro Villi, which function to increase surface area, are more likely to be found in:

- simple squamous epithelium
- Simple columnar epithelium
- simple cuboidal epithelium
- stratified squamous epithelium

2) What type of connective tissue forms the dermis?

- Dense regular connective tissue
- Dense irregular CT tissue
- Mucous connective tissue
- loose irregular CT
- elastic CT

3) choose the incorrect statement :

- the lamina propria of the trachea is composed of dense connective tissue

4) Which of the following is NOT mainly composed of connective tissue?

- Bone marrow
- Articular cartilage
- Mesenchyme
- Fat
- myocharidium

5) What is the histological name of the mature bone cell?

- Osteocytes
- Chondrocytes
- osteoblasts
- Osteoclast cells
- Osteoprogenator cells

6) In what type of muscle(s) the intercalated discs are found ?

- Only the skeletal muscle
- Only the cardiac muscle
- Only the smooth muscle
- in both skeletal muscle and cardiac muscle
- In all muscle types that can be seen under the microscope using high magnification

7) What cell type makes up the epithelium of the gallbladder?

- Simple squamous epithelium
- Simple cuboidal epithelium
- Stratified squamous epithelium
- Transitional epithelium
- **Simple columnar epithelium**

8) choose the incorrect statement :

- **Endocrine glands secrete their products into blood stream via complex ducts**

9) what distinguishes the fibrocartilage under light microscope :

- **collagen fibers**

10) the other name of haversian system is:

- Osteoclast
- Osteocyte
- Osteoblast
- Osteoid
- **Osteon**

11) the structure that coats the inner compact bone and the trabeculae of the spongy bone is :

- **endosteum**
- periosteum

12) the most apical components of the cell-cell junctional complexes are:

- **occluding junctions**
- adherens junctions
- gap junctions
- desmosomes
- hemidesmosomes

13) osteoclasts originate from:

- **monocytes**

14)are fragments of cytoplasm that are derived from the megakaryocytes of the bone marrow

- **platelets**

15) finger and ridge like projections of the dermis which interdigitate with similar depressions in the epidermis is the definition of :

- **dermal papillae**

16) plicae circularis, villi and microvilli are the characteristics of :

- Small intestine
- large intestine

17) The tissue that forms the secretory portion of glands is:

- stratified squamous epithelium
- simple cuboidal epithelium
- simple squamous epithelium
- areolar CT

18) all of the following are lined by stratified squamous epithelium except:

- anal canal
- mouth
- esophagus
- stomach
- oropharynx

19) one of the following has different types of muscles in its muscularis layer:

- stomach
- esophagus
- small intestine
- large intestine

20) which layer of the GIT contains the myenteric plexus?

- muscularis externa

21) the type of epithelium in kidney tubules is:

- simple cuboidal epithelium

22) all of the following cells are granulocytes except :

- monocytes

23) masticatory mucosa consists of :

- Keratinised stratified squamous epithelium
- non-keratinised stratified squamous epithelium
- simple columnar epithelium
- transitional epithelium

24) where does the epithelium change from non-keratinized stratified squamous epithelium to simple columnar epithelium :

- gastro-esophageal junction
- ileocecal junction
- duodenojejunal junction
- gastroduodenal junction

25)what epithelium lines the duct of sweat gland?

- stratified cuboidal epithelium
- stratified columnar epithelium
- stratified squamous epithelium
- simple squamous epithelium

26)choose the incorrect statement regarding to the lungs:

- the walls of the alveolar sacs are lined with pneumocytes I and II

27)what is the name of the portion that is located beneath the nail plate?

- matrix
- root
- nail bed
- lunula

28)the name of the central part of the tooth is:

- pulp cavity
- enamel
- dentin
- periodontal ligament
- cementum

29)all of the following are made of hayaline cartilage except:

- epiglottis

30)what is wrong about cardiac cells ?

- cells are regular and parallel

31)where can we find large aggregations of lymphoid tissue ?

- appendix

32)what cell is the most abundant in the epidermis?

- melanocytes
- keratinocytes
- langerhans cells
- merkel cells

33)which layer of the epidermis has the highest mitotic activity ?

- stratum granulosum
- stratum spinosum
- stratum basale
- stratum lucidum
- stratum corneum

34) pacinian corpuscles are sensory receptors that respond to:

- pressure
- light
- pain
- heat

35) the main distinguishing features of veins:

- veins have no external elastic lamina and large lumen with thin walls

36) choose the incorrect statement:

- arterioles and small arteries have an adventitia twice as thick as the media

37) is the innermost layer of the blood vessels and it is made up of endothelium and lamina propria

- tunica intima

38) choose the incorrect statement:

- the tunica intima of the trachea lacks the lamina propria and it is lined with non-ciliated columnar epithelium

39) the c-shaped tracheal cartilages are composed of :

- hyaline cartilage
- fibrocartilage
- elastic cartilage
- elastic and hyaline cartilages

40) the squamous epithelium lines all of the following except:

- capillaries
- lymphatic vessels
- arteries
- glandular ducts
- veins

41) the endocrine portion of the pancreas is made of small bundles of cells called:

- islets of langerhans

42) what type of epithelium is associated with goblet cells?

- simple squamous epithelium
- simple cuboidal epithelium
- simple columnar epithelium
- pseudostratified epithelium
- stratified squamous epithelium

43) which region are goblet cells most numerous?

- esophagus
- stomach
- small intestine
- large intestine
- anus

44) what epithelial tissue forms the alveoli of the lungs:

- simple columnar epithelium
- simple cuboidal epithelium
- simple squamous epithelium
- stratified squamous epithelium
- pseudostratified epithelium

45) the name of the cells that are located in the lacunae is:

- osteocytes
- osteoclasts
- osteoprogenitors
- osteoblasts

46) which type of cartilage forms the epiphyseal growth plate?

- elastic cartilage
- hyaline cartilage
- fibrocartilage

47) the kupffer cells are located in the:

- liver

48).....are the most abundant white blood cells, constituting 60-70% of circulating leukocytes

- neutrophils

49) what is the primary cell of the intestinal epithelium of the large intestine?

- columnar absorptive cells
- parietal cells
- goblet cells

"Don't look back You are not going that way"

Collected by : Osama G Obeidat
Good Luck