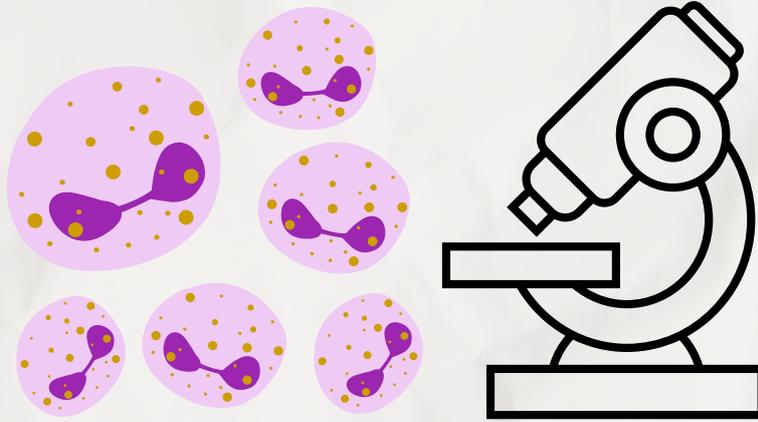


HISTOLOGY

FINAL EXAM



Done by:layan muhaisen

Type 2 pneumocyte responsible for secretion of the surfactant →

—

Malpighian layer consists of stratum/basale+spinosum →

—

What is the Terminal dilatation in the skin-hair bulb →

—

Nail plate resting on nail bed →

—

Red pulp in the spleen consists of cords of cell and blood sinusoids →

—

pars nervosa composed of pituicytes →

—

Parafollicularis responsible for the secretion of calcitonin →

—

Zona fasciculata cytoplasm has many lipid droplets and mitochondria →

—

Krause end pulp responsible for cold sensation →

—

Rods responsible for night vision →

—

:Q/The right sentence about Axon-

A. devoid of nissl's granules

B. Has Golgi apparatus

C. does not have neurofilaments

D. Helps in increasing in the surface of receiving a stimuli

Answer A

Multipolar
single long axon many short dendrites →

macrophage of respiratory system-
dust cells-nucleus in skeletal muscle is →
multi nuclei →

the stain of neurofilaments-
silver stain →

which of these is fixed cell-

- A.fibroblast
- B.macrophage
- C.adipose
- D. Mast cell

Answer A

umbilical cord composed of-

- A. Muroid CT
- B.adipose
- C.reticular
- D.elastic

Answer A

the nucleus of neutrophil is-
multi lobed →

intervertebral discs are-

- A.hyaline
- B.fibrocartilage
- C. Elastic
- D. A+C

Answer B

-ear pinna is

- A. hyaline
- B. fibrocartilage
- C. elastic cartilage
- D. none of the above

Answer C

—
the bone matrix is formed by-

- A. osteoclast
- B. osteocyte
- C. osteoprogenitor cells
- D. osteoblast

Answer D

-the role of osteoclast

- A. bone reabsorption
- B. Bone matrix maintenance
- C. Bone matrix formation
- D. Bone destruction

Answer A

—
the CNS myelin formed by-
oligodendrocytes→

—
the PNS myelin formed by-
Schwann's cells→

—
the cells which are responsible of BBB-

- A. Astrocytes
- B. Microglia
- C. Oligodendrocytes
- D. Schwann cells

Answer A

—
the germ layer which is different of these neuroglia CNS-

- A. Oligodendrocytes
- B. Microglia
- C. Ependymal cells
- D. Astrocytes

Answer B

-the true sentence about medium sized vein

- A.tunic adventitia is thickest
- B. Has internal elastic lamina
- C. Has external elastic lamina
- D. Many smooth muscle cells

Answer A

—

-the tunica media have

- A.epithelial cells
- B.smooth muscle
- C. Vaso vesrom
- D.skeltal muscle cells

Answer B

-which of these have discontinuous epithelium and basement membrane

- A. sinusoidal
- B. Continuous
- C. Fenestrated
- D. Veins

Answer A

-continuous capillaries have

→ thick basement membrane

—

-the epithelium which line the esophagus

→ Stratified squamous nonkeratinized

—

-the epithelium of ureter

→ Transitional epithelium

—

-the epithelium of pylorus of stomach

→ Simple columnar non ciliated

—

-which of these is not found in the crypts of small intestines

→ parietal cells (found in the small intestine)

-large intestines have

→ tancoie coli

-the ADH is stored in

→ Pars nervosa

-which of these not considered respiratory epithelium:

A.alveolar sacs

B.respiratory bronchioles

C.terminal bronchioles

D. Alveolar ducts

Answer C

-the epithelium of bronchioles

→ (pseudo stratified columnar with Clara cells)

-the steroli cells dont:

A. TBB

B. Secret testosterone

C. Give nutrition to developing sperms

D. Supportive

Answer B

-single large cavity of fluid is found in:

A. Primordial follicles

B. Antrul follicles

C. Corpus luetum

D. Graafian follicle

Answer D

-pariatel cells secret:

A. HCL

B. Pepsine

C.lipase

D. Mucus

Answer A

-paratoid gland is formed of:

- A. purely serous
- B. Mixed
- C. Mucus
- D. Mucus and mixed

Answer A

-what is portal triad

→ Corner of each hepatic lobule

-secondery lymphocyte has

→ germinal center

-the stem cells of bone

- A. osteoclast
- B. osteocyte
- C. osteoblast
- D. osteoprogenitor

Answer D

-the stem cells of testis

- A. Spermatogonia
- B. Spermatozoa
- C. Spermatocyte
- D. Spermatids

Answer A

-what layer have keratin granules:

- A. stratum granulosa
- B. Stratum lucidum
- C. Stratum basale
- D. Stratum spinosum

Answer A

-what are the central lymphatic organs:

- A. Thymus and spleen
- B. Bone marrow and tonsils
- C. Tonsils and lymphatic nodules
- D. Bone marrow and thymus

Answer D

-which of these cells dont consider T lymphocyte:

- A. plasma cells
- B. Memory cells
- C. Suppressors
- D. T- Helper

Answer A

-small T lymphocyte is prominent in:

- A. Spleen
- B. Thymus
- C. Lymphatic nodules
- D. Tonsils

Answer B

-the right statement about tonsils
→ have secondary germinal centers

-what taste bud is numerous:

- A. Filiform
- B. Fungiform
- C. Circumvallate
- D. Foliage

Answer A

-what secrets parafollicular hormone:

- A. Follicular cells
- B. Parafollicular cells
- C. Chief cells
- D. Oxyphil cells

Answer C

-the wrong statment about follicular cells in thyroid

→ represent 2%

-adrenal medulla secretes

→ caticholames

- The cytoplasm of perikaryon has:

A. Nissils granules

B. Golgi apparatus and mitochondria

C. Microtubules and filaments

D. Nucleus

Answer D

- each trunk in the nerve surrounded by dense CT called:

A. Epineurium

B. Endoneurium

C. Perineurium

D. Endomydium

Answer A

- cranio-spinal ganglia doesn't have:

A. Multipolar cells

B. Pseudounipolar cells

C. Few cells

D. Myelin fibers

Answer A

- what is the commonest nerve:

A. Axoaxonic

B. Axodetric

C. Axosomatic

D. None of the above

Answer B

- taste buds are

→ Neuroepithelium

- The finger like projection found in the small intestine is:

→ Villi (not microvilli

- The epithelium lining of the small intestine has all except:

- A. Goblet cells
- B. Paneth cells
- C. Parietal cells
- D. Stem cells

Answer C

—

- entero-endocrine cells secrete

→ secretin

—

- the duodenum has which gland

→ Brunner's gland

—

- follicular cells have which type of epithelium:

- A. Simple squamous
- B. Simple cuboidal
- C. Simple columnar
- D. Stratified cuboidal

Answer B

—

- the adrenal medulla has which cells

→ Chromaffin cells

—

- the first layer of granulosa cells around ovum form

→ Corona radiata

—

- the inner visceral layer of the bowmann'S capsule has which cells

→ podocytes

