

نموذج استرشادي للفرقة الاولى اسنان

Choose the correct answer:

1-Membranous organoids include the followings except:

- a) Lysosomes.
- b) Ribosomes.
- c) Mitochondria.
- d) Golgi bodies.

2- Fibroblasts are

- a) The most common cell in connective tissue proper.
- b) Secrete histamine and heparin.
- c) Accumulate small fat droplets in their cytoplasm.
- d) Arise from B – lymphocytes.

3-Their cytoplasm contains large specific acidophilic granules which stain bright red with eosin.

- a) Neutrophils.
- b) Basophils.
- c) Eosinophils.
- d) Monocytes.

4- They multiply by simple fission inside the cell

- a) Rough endoplasmic reticulum.
- b) Golgi bodies.
- c) Mitochondria.
- d) Lysosomes.

5-Are multinucleated large cells containing 6-12 nuclei:

- a) Osteoclasts.
- b) Osteoblasts.
- c) Osteocytes.
- d) Chondroblasts.

6- With LM, it is negative with H& E stain, but stain well with silver or osmic impregnation.

- a) Rough endoplasmic reticulum
- b) Golgi bodies
- c) Mitochondria

- d) Lysosomes

7-Transional epithelium is present in

- a) Stomach.
- b) Kidney tubules.
- c) Urinary bladder.
- d) Small intestine.

8-All these cells have numerous lysosomes except:

- a) Macrophages.
- b) Monocytes.
- c) Plasma cells.
- d) Osteoclasts.

9- Strong adhesion between cells needs:

- a. Gap junction.
- b. Tight junction.
- c. Zonula adherens.
- d. Desmosomes.

10-Intercellular ionic exchange is achieved by:

- a) Gap junction.
- b) Zonula adherens.
- c) Macula adherens.
- d) Zonula occludens.

11-The period of DNA replication, histone synthesis is called

- a) Gap2 (G2).
- b) Gap1 (G1).
- c) Synthesis (S) stage.
- d) Metaphase.

12- The part of a mitochondrion that can increase its surface area is

- a) Matrix.
- b) Outer membrane.
- c) Inner membrane.
- d) Cristae.

13- The only organelles which are surrounded by two membranes are

- a) Golgi bodies.
- b) Mitochondria.
- c) Lysosomes.
- d) Ribosomes.

True or false:

- 1-Lysosomes originate from the Golgi region. ()
- 2-Yellow bone marrow is present in all bones during the first year of life. ()
- 3-Each red blood cell has a peripheral light zone & a central granular zone. ()
- 4-B Lymphocytes develop & complete their maturation in red bone marrow. ()
- 5-Melanin and hemoglobin are examples of cell inclusions. ()
- 6-The absence of nucleus & all organelles in RBC gives more space for Hb. ()
- 7-Monocytes secrete histamine & heparin. ()
- 8-Epithelium has a high power of regeneration. ()
- 9- Plasma membrane is the layer that separates the epithelium from the underlying connective tissue. ()
- 10-The lining blood vessels & all body cavities are examples of simple cuboidal epithelium. ()
- 11-Macrophage contains many lysosomes. ()
- 12- With E.M., the plasma membrane has a trilaminar appearance. ()
- 13-Fat is stained well with Sudan black stain. ()
- 14-The cytoplasm of smooth muscle is acidophilic & shows transverse striations. ()
- 15-Cardiac muscle fibers are present only in the heart. ()