

Tissue bank of questions of Cell injury and Cellular accumulations

Select the correct answer

1-Cloudy swelling commonly affects :

a-Parenchymatous cells

b-Mucous membranes

c-Muscle cells

d-Bone

e-Cartilage

2-Caseous necrosis is commonly seen in :

a-Tuberculosis

b-Renal infarction

c-Cerebral infarction

d-Moist gangrene

3-Russel bodies are plasma cells undergoing :

a-Hydropic change

b-Fatty change

c-Amyloid deposition

d-Hyaline change

4-Mechanisms of cell injury include :

a-Impaired energy production

b- Impaired cell membrane function

c-Accumulation of oxygen free radicals

d-All of the above

5-Coagulative necrosis is seen in Except :

a-Kidney

b-Heart

c-Spleen

d-Brain

6-Infarction is an area of :

a)**Coagulative necrosis**

b) Liquefactive necrosis

c)Caseous necrosis

d)Fibrinoid necrosis

7-Fragmentation of the nuclei in necrotic cells is called :

a)Pyknosis

b)Hyperchromatism

c)Karyorrhexis

d)Karyolysis

8-Fatty change of liver is caused by Except :

a)Chronic alcoholism

b)Vitamin K deficiency

c)Diabetes Mellitus

d)Carbon tetrachloride

9-Metastatic calcification is characterized by :

a) Elevated serum calcium

b) Occurs in normal tissue

c) Destructive bone lesion may be present

d) Presence of Hypervitaminosis D

e) All of the above

10-Enzymatic fat necrosis is characteristic of :

- a) Fat embolism
- b) Tuberculous peritonitis
- c) **Acute hemorrhagic pancreatitis**
- d) Gas gangrene
- e) Fatty liver

11-Apoptosis is Not characterized by :

- a) **Caused by pathological stimuli only**
- b) Affects single cells
- c) No inflammatory response
- d) Fragmentation of the nucleus
- e) Intact lysosomes

12- Amyloidosis may complicates :

- a) Lobar pneumonia
- b) Acute pyelonephritis
- c) Diphtheria
- d) **Plasma cell neoplasm**
- e) Influenza

Mark The statements as true(T) or False(F) :

1-Sago spleen is localized form of amyloidosis of the spleen. (T)

2-Liquifactive necrosis is seen in suppurative inflammation. (T)

3-Amyloid is fatty material deposited in the wall of blood vessels. (F)

4- Congo red stain is a special stain for fat. (F)

5-Fibrinoid necrosis is seen in wall of blood vessels in malignant hypertension. (T)

6-Hydropic change can be seen in liver cells in cases of viral hepatitis. (T)

7-Hypoxia is a common cause of cell injury. (T)

