

Pathology First



BAU#1

- 1) Bilirubin is the normal pigment found in bile, what is the skin color of a patient that have excesses of this pigment within cells and tissues:**
 - Red
 - White
 - **Yellow**
 - Blue
- 2) coagulative necrosis can be found in all of these organs except:**
 - **brain***
 - liver
 - kidney
 - heart
- 3) what is the type of adaption the occur in mitotic cells:**
 - Hypertrophy
 - Atrophy
 - Hyperplasia
 - **Hyperplasia + Hypertrophy***
- 4) Under chorionic irritation stimuli what type of adaption response to chemical and physical changes:**
 - Hypertrophy
 - Atrophy
 - Hyperplasia
 - **Metaplasia***
 - Dysplasia

5) Which from next doesn't cause mitochondrial damage:

- ATP depletion
- Reactive oxygen species
- membrane damage
- **retention in cytochrome c***

6) which type of necrosis remain in intact shape:

- **Coagulative necrosis***
- Liquefactive necrosis
- Gangrenous necrosis
- Caseous necrosis
- Fat necrosis

7) All of the next are causes of hypercalcemia except:

- Increased secretion of PTH
- milk-alkali syndrome
- Vitamin D-related disorders
- Destruction of bone tissue
- **aortic stenosis***

8) most abundant necrosis type in the brain:

- Gangrenous necrosis
- Coagulative necrosis
- **Liquefactive necrosis***
- Fat necrosis

9) viruses and normal cells use to inhibit apoptosis:

- type 1 TNF
- Fas (CD95)
- **FLIP***
- Apaf-1

10) The Intrinsic Pathway of Apoptosis is inhibited by protein:

- **Bcl-2 ***
- Bak
- BH3
- Bax

11) Sequence of events in the response of cells:

- Clinical Manifestations
- Pathogenesis
- Etiology
- Morphologic Changes

12) protein degradation in cells, occurs by theproteasome pathway:

- ubiquitin*
- proteolytic
- proteases
- degradation

13) 4 year Girl broke her arm, after 6 weeks they remove the cast , they realize that her broken arm was smaller in size than her normal one what is the reason:

- denervation atrophy
- atrophy of disuse*
- Pressure
- Inadequate nutrition

14) Infection from which of the following is associated with hyperplasia:

- Papillomavirus *
- Enterobacteriac
- Staphylococcid
- Streptococcie
- Hook worms

15) Which of the following in not considered an adaptive response:

- Atrophy
- Hyperplasia
- Dysplasia *
- Hypertrophy
- Metaplasia

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Good Luck