

MIDTERM COLLECTED QUESTIONS OF PATHOLOGY 017:

1-The pigment that accumulated in aged atrophic cardiac muscle?

Answer: Lipofuscin

2-What is the cause of pure congestive heart disease?

Answer: Increased hydrostatic pressure

3-From where TNF is produced

Answer: macrophages and T-lymphocyte

4-What is wrong about Granulomas

Answer: Epithelioid histiocytes are recruited by B lymphocytes

5-Wrong mismatch

Answer: Macrophages / B-lymphocyte interaction Bi-directional activation

6-All of the following are involved in fever except

Answer: CRP

7-Fever caused by?

Answer: Prostaglandins

8-Which of the following induce recruitment of neutrophils and macrophages in both chronic and acute inflammation?

Answer: IL-17

9-What is the cell that can stay in the tissue as resident for years?

Answer: Macrophage

10-Accumulation of miss-folded proteins (ER stress) involved with all of these diseases except?

Answer: UV radiation cause damaged DNA

11-All of the following are done by the activation of M2 macrophage by the alternative pathway except?

Answer: Phagocytosis

12-Which best describes acute inflammation?

Answer: Prominent local and systemic effect

13-Which mediator mainly cause erythema and stasis from blood vessels?

Answer: BV dilation by histamine

14-What is the best definition of the inflammatory response?

Answer: Response of vascularized tissue to injury

15-Which best describe mediators of inflammation?

Answer: they activate each other

16-Not physiologic adaptation

Answer: Excess estrogen

17-Acute allergic reaction

Answer: Eosinophil

18-Patient with one or more complement deficiency indicates?

a-hereditary angioedema

b-PNH

Answer: (PNH)

19- Wrong or deficiency Complement system cause

Answer: Recurrent infection

20- Correct order of leukocyte migration?

Answer: Margination-rolling-adhesion-transmigration

21-M1 pathway except

Answer: Inhibition of bak and bax

22- Complement good as opsonin?

Answer: C3b

23- False about ROS?

Answer: H₂O₂ turned to H₂O by myeloperoxidase

24 Best description of cell movement?

Answer: Chemotaxis

25- Not an example of protein accumulations

Answer: Steatosis

26- What does aspirin inhibit?

Answer: Cyclooxygenase

27- Not in CA⁺⁺ mechanism?

Answer: Lipid peroxidation

28- Best description of pus?

Answer: Purulent exudate

29- Type of brain necrosis?

Answer: Liquefactive necrosis

30- Ischemia-reperfusion?

Answer: Generation of ROS

31- Which one is considered pathologic?

Answer: Hyperplasia of endometrium with excess estrogen

32- Low enzymes cause?

Answer: Glycogen storage disease

33- Something does pure transudate in congenitive heart disease?

Answer: Increased vascular hydrostatic

34- Acute asthma is characterized by the presence of?

Answer: Eosinophils + IgE antibodies.

35- All can undergo apoptosis by mitochondrial pathway except?

Answer: Cytotoxic T lymphocytes

36- One of the following is not involved in ATP depletion?

Answer: increase in the pH

37- All is true about metaplasia except?

Answer: It is irreversible

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" ما أوقد اليأسُ في جنبيّ معركة، إلا وطنُّنا بالرحيمِ دوماً يطفئها." 🌻