

Chapter 2: Inflammation

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MULTIPLE CHOICE

1. All the following are cardinal signs of inflammation except:

- A. Calor (heat)
- B. Rubor (redness)
- C. Tumor (swelling)
- D. Dolor (pain)
- E. Odor (smell)

ANS: E PTS: 1

2. Dilatation of arterioles results in:

- A. Anemia
- B. Hyperemia
- C. Vasoconstriction
- D. Hemorrhage
- E. Ischemia

ANS: B PTS: 1

3. Release of histamine at the site of inflammation causes:

- A. Increased vascular permeability
- B. Decreased vascular permeability
- C. Accumulation of neutrophils
- D. Accumulation of platelets
- E. Activation of the complement system

ANS: A PTS: 1

4. Which of the following blood components has fibrinolytic activity and can lyse thrombi?

- A. Bradykinin
- B. Histamine
- C. Complement membrane attack complex
- D. Plasmin
- E. Prostaglandin

ANS: D PTS: 1

5. Aspirin can inhibit some aspects of inflammation by inhibiting the synthesis of:

- A. Histamine
- B. Prostaglandin and thromboxane
- C. Serotonin
- D. Hageman factor
- E. Arachidonic acid

ANS: B PTS: 1

6. A bacterial throat infection (“strep throat”) is associated with a white exudate surrounded by reddened mucosa. This is an example of:
- A. Serous inflammation
 - B. Fibrinous inflammation
 - C. Abscess
 - D. Gangrene
 - E. Ulcerative inflammation

ANS: B PTS: 1

7. The center of an abscess contains:
- A. Caseous necrosis
 - B. Calcification
 - C. Pus
 - D. Eosinophils
 - E. Fibrous tissue

ANS: C PTS: 1

8. Granulomas consist of all the following cells except:
- A. Lymphocytes
 - B. Macrophages
 - C. Epithelioid cells
 - D. Giant cells
 - E. Polymorphonuclear leukocytes

ANS: E PTS: 1

9. Which of the following is the most common cause of delayed healing of a skin wound caused by a traffic accident?
- A. Lack of vitamin
 - B. Lack of vitamin C
 - C. Zinc deficiency
 - D. Infection
 - E. Diabetes mellitus

ANS: D PTS: 1

10. Hypertrophic scars are called:
- A. Granuloma
 - B. Granulation tissue
 - C. Proud flesh
 - D. Keloid
 - E. Dehiscence

ANS: D PTS: 1