**Question 1**

Which substance is NOT secreted by macrophages?

Select one:

a. Hyaluronidase

b. Lipase

c. Interleukin-1

d. Collagenase

Answer A. Robbins 8th Edition pg 72 figure 2-24

**Question 2**

Which is true regarding macrophages?

Select one:

a. Their products released can cause direct tissue toxicity

b. They have CO2 dependant microbicidal activity

c. They have no cytotoxicity against tumour cells

d. They can produce TNF and IL4, both of which cause fever

Answer A. Robbins 8th Edition pg 71 "products are responsible for much of the tissue injury in chronic inflammation"

**Question 3**

Which is NOT a histological hallmark of chronic inflammation?

Select one:

a. Increased connective tissue

b. Proliferation of smooth muscle

c. Proliferation of small blood vessels

d. Infiltration by plasma cells

Answer B. Robbins 8th Edition pg 70

**Question 4**

Macrophages are derived from:

Select one:

a. T lymphocytes

b. Eosinophils

c. Monocytes

d. B lymphocytes

Answer C. Robbins 8th Edition pg 71

**Question 5**

Which is the predominant cell type in granulomatous inflammation?

Select one:

a. Lymphocyte

b. Histiocyte

c. Acid fast bacilli

d. Activated macrophage

Answer D. Robbins 8th Edition pg 73 "aggregation of macrophages"

**Question 6**

Which of the following is NOT associated with macrophages?

Select one:

a. Defence against intracellular organisms

b. Control of erythropoiesis

c. Control of granulopoiesis

d. Expression of the receptor that binds the IgE antibody

Answer D. Robbins 8th Edition pg 72 "mast cells"

**Question 7**

Platelet activating factor:

Select one:

a. Induces bronchodilatation

b. Is not produced by mast cells

c. Decreases leucocyte adhesion

d. Increases vascular permeability

Answer D. Correct. Robbins 8th Edition pg 60

**Question 8**

Which of the following is NOT a component of pus?

Select one:

a. Liquefactive necrosis

b. Macrophages

c. Parenchymal cell debris

d. Neutrophils

Answer B. Robbins 8th Edition pg 68

**Question 9**

Granulomatous inflammatory reactions:

Select one:

a. Are a type II hypersensitivity reaction

b. Are not associated with inert foreign bodies

c. Can be caused by syphilitic infections

d. Are surrounded by natural killer cells

Answer C. Robbins 8th Edition pg 73 table 2-8

**Question 10**

Monocytes:

Select one:

a. Are common in the liver, spleen and pancreas

b. Emigrate late in acute inflammation

c. Are the predominant cells in 3 day old wounds

d. Have a half life of one day

Answer D. Robbins 8th Edition pg 71