Exercise Immunology 1st edition Author Test Bank

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1 Which of the following are not considered to be part of innate immunity?

(A) Neutrophils
(B) Monocytes
(C) T lymphocytes
(D) Natural killer cells
(E) Complement proteins

Answer: (C) T lymphocytes

2 Which of the following is not a phagocytic cell?

(A) Natural killer cell
(B) Neutrophil
(C) Monocyte
(D) Macrophage
(E) Dendritic cell

Answer: (A) Natural killer cell

3 Which of the following are the most numerous leukocytes in blood?

(A) Natural killer cells
(B) Neutrophils
(C) Monocytes
(D) Lymphocytes
(E) Basophil

Answer: (B) Neutrophils

4 Macrophages and dendritic cells present antigens to which of the following...

(A) Neutrophils
(B) Natural Killer cells
(C) T lymphocytes
(D) B lymphocytes
(E) Plasma cells

Answer: (C) T lymphocytes

5 Toll-like receptors are involved in...

(A) Recognition of pathogens
(B) Activation of phagocytosis
(C) Antigen presentation

(D) Antibody formation

(E) Interactions between antigen-presenting cells and other leukocytes

Answer: (A) Recognition of pathogens

6 The main effector cells of cell-mediated immunity are...

(A) Neutrophils

(B) Monocytes

(C) T-helper lymphocytes

(D) T-cytotoxic lymphocytes

(E) Natural killer cells

Answer: (D) T-cytotoxic lymphocytes

7 Which of the following is not a subclass of the immunoglobulins?

(A) IgA

(B) IgB

(C) IgE

(D) IgG

(E) IgM

Answer: (B) IgB

8 Which of the following cells exhibit immunological memory?

(A) Neutrophils and monocytes

(B) Macrophages and dendritic cells

(C) T and B lymphocytes

(D) Basophils and eosinophils

(E) Thymus and bone marrow cells

Answer: (C) T and B lymphocytes

9 Th2 cytokines are involved in the activation of...

(A) Phagocytosis

(B) Antigen presentation

(C) Innate immunity

(D) Cell-mediated immunity

(E) Humoral immunity

Answer: (E) Humoral immunity

10 The major inhibitory cytokine secreted by Treg cells is...

(A) IL-1β

(B) IL-2

(C) IL-6

(D) IL-10

(E) IL-12

Answer: (D) IL-10