

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-1 β
- (B) IL-2
- (C) IL-6
- (D) IL-10
- (E) IL-12

Answer: (D) IL-10