

Multiple Choice Questions

1 Select the correct answer.

(i) Plasma cells are

- (A) the same as memory cells
- (B) formed from blood plasma
- (C) B cells that are actively secreting antibody
- (D) inactive T cells carried in the plasma

(ii) Antibodies combine with antigens

- (A) at variable regions
- (B) at constant region
- (C) only if macrophages are present
- (D) both A and C are correct

(iii) Vaccines are

- (A) the same as monoclonal antibodies
- (B) treated bacteria or viruses or one of their proteins
- (C) major histocompatibility complex proteins
- (D) not destroyed by heating

(iv) In addition to the immune system, we are protected from disease by

- (A) body temperature
- (B) hormones
- (C) antigens
- (D) mucus membrane and cilia

(v) Fevers

- (A) decrease interferon production
- (B) decrease the concentration of iron in the blood
- (C) decrease the activity of phagocytes
- (D) decrease the reproduction of invading bacteria

(vi) T and B cells are

- (A) lymphocytes
- (B) macrophages
- (C) construtral killer cells
- (D) red blood cells

(vii) Foreign molecules that evoke an immune response are called

- (A) pathogens
- (B) antibodies
- (C) lymphocytes
- (D) histamines

(viii) When B-cells are presented with antigen they differentiate into

- (A) T-cells
- (B) helper T-cells
- (C) plasma cells
- (D) bursa cells

- (A) modified T-cells
- (C) killer T-cells

- (B) B-cells
- (D) suppressor cells

(x) When one receives a booster shot for polio which type of cell is most directly stimulated?

- (A) killer T-cells
- (C) phagocytes

- (B) memory cells
- (D) suppressor cells

ANSWERS

- (i) C (ii) A (iii) A (iv) D (v) B
- (vi) A (vii) B (viii) C (ix) B (x) B

(D)

