

1. Which of the following is not directly associated with the lymphatic pathway?

- A. Lymphatic trunk
- B. Collecting duct
- C. Subclavian vein
- D. Carotid arteries

2. The thymus is responsible for secreting _____ from epithelial cells.

- A. Thymosin
- B. Growth hormone
- C. Macrophages
- D. Plasma cells

3. Which of the following types of immunoglobulins is the most responsible for promoting allergic reactions?

- A. IgA
- B. IgM
- C. IgD
- D. IgE

4. Which of the following types of immunoglobulins is located on the surface of most B-lymphocytes?

- A. IgA
- B. IgM
- C. IgD
- D. IgE

5. Which of the following types of immunoglobulins does not cross the barrier between mother and infant in the womb?

- A. IgA
- B. IgM
- C. IgD
- D. IgE

6. Which of the following is not an autoimmune disease?

- A. Graves disease
- B. Myasthenia gravis
- C. Insulin-dependent diabetes mellitus
- D. Alzheimer's disease

7. T-cell activation requires a/an _____ cell.

- A. Activation
- B. Accessory
- C. Plasma
- D. Helper

8. The thymus is located with the _____.

A. Mediastinum

B. Peristinum

C. Epistinum

D. Endostinum

9. Which of the following statements is false regarding the spleen?

A. Divided up into lobules

B. Similar to a large lymph node

C. Contains macrophages

D. Limited blood within the lobules

10. Which of the following is not considered a central location of lymph nodes?

A. Cervical

B. Axillary

C. Inguinal

D. Tibial

11. Lymphocytes that reach the thymus become _____.

A. T-cells

- B. B-cells
- C. Plasma cells
- D. Beta cells

12. Lymphocytes that do not reach the thymus become _____.

- A. T-cells
- B. B-cells
- C. Plasma cells
- D. Beta cells

13. Which of the following types of immunoglobulins binds complement?

- A. IgA
- B. IgD
- C. IgE
- D. IgG

14. Which of the following is a key component of cytotoxic T cells?

- A. CD2
- B. CD4
- C. CD8
- D. CD10

15. Which of the following is not a primary target group of T cells?

A. Viruses

B. Toxins

C. Fungi

D. TB

Answer Key

1. D

2. A

3. D

4. C

5. A

6. D

7. B

8. A

9. D

10. D

11. A

12. B

13. D

14. C

15. B