

## CHAPTER

# 6

# The Lymphatic and Immune Systems

## DEFINITIONS

Select the correct answer and write it on the line provided.

6.16. The structure(s) with a hemolytic function is/are the \_\_\_\_\_.

adenoids                      lymph nodes                      spleen                      tonsils

6.17. The term meaning inflammation of the lymph nodes is \_\_\_\_\_.

adenoiditis                      lymphadenitis                      lymphedema                      lymphoma

6.18. Herpes zoster is commonly known as \_\_\_\_\_.

3-day measles                      chickenpox                      German measles                      shingles

6.19. The substance that causes noninfected cells to form an antiviral protein is called \_\_\_\_\_.

complement                      immunoglobulin                      interferon                      vaccine

6.20. The structure, composed largely of lymphatic tissue, that plays important roles in the immune and endocrine systems is the \_\_\_\_\_.

bone marrow                      liver                      spleen                      thymus

6.21. The structures that form a protective ring of lymphatic tissue surrounding the internal openings of the nose and mouth are the \_\_\_\_\_.

adenoids                      lacteals                      lymph nodes                      tonsils

6.22. Lymph vessels return intercellular fluid to the \_\_\_\_\_.

arteries                      capillaries                      cells                      veins

6.23. The lacteals are located in the \_\_\_\_\_.

armpits                      groin                      neck                      small intestine

6.24. The disease \_\_\_\_\_ is caused by a fungus.

aspergillosis                      herpes zoster                      malaria                      Lyme disease

6.25. The type of cell that protects the body by eating invading cells is a \_\_\_\_\_.

B lymphocyte                      lymphokine                      macrophage                      T lymphocyte

## WHICH WORD?

Select the correct answer and write it on the line provided.

- 6.31. The \_\_\_\_\_ direct the immune response by signaling between the cells of the immune system.  
lymphokines                      macrophages
- 6.32. The growth of neoplasms is blocked by a/an \_\_\_\_\_ drug.  
antineoplastic                      cytotoxic
- 6.33. Plasma cells develop from transformed \_\_\_\_\_.  
B cells                      T cells
- 6.34. Hepatitis B and C may be treated using \_\_\_\_\_ that was created in the laboratory.  
immunoglobulin                      interferon
- 6.35. Infectious mononucleosis is a \_\_\_\_\_ infection.  
bacterial                      viral

## SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

- 6.36. A sarkoma is a malignant tumor that arises from connective tissue. \_\_\_\_\_
- 6.37. The nasopharyngeal tonsils are also known as the adenods. \_\_\_\_\_
- 6.38. Reubella is also known as 3-day measles. \_\_\_\_\_
- 6.39. Antibiotics are used to combat bacterial infections. \_\_\_\_\_
- 6.40. The condition commonly known as chickenpox is caused by the herpes virus Varicella soster.  
\_\_\_\_\_

## SENTENCE COMPLETION

Write the correct term on the line provided.

6.51. The term that describes a serious system allergic reaction, in which the patient can die within minutes, is \_\_\_\_\_.

6.52. In \_\_\_\_\_, radioactive materials are implanted into the tissues to be treated.

6.53. The \_\_\_\_\_ blot test is used to confirm a seropositive ELISA test for HIV.

6.54. A/An \_\_\_\_\_ is a benign abnormal collection of lymphatic vessels forming a mass.

6.55. Persistent generalized \_\_\_\_\_ is the continued presence of diffuse enlargement of lymph nodes.

## TRUE/FALSE

If the statement is true, write **T** on the line. If the statement is false, write **F** on the line.

6.56. \_\_\_\_ Lymph fluid always flows toward the thoracic cavity.

6.57. \_\_\_\_ Splenomegaly means abnormal softening of the spleen.

6.58. \_\_\_\_ Lymphedema is an abnormal accumulation of fluid primarily in the legs and ankles.

6.59. \_\_\_\_ Acquired immunity is passed from the mother to child after birth.

6.60. \_\_\_\_ Reed-Sternberg cells are present in non-Hodgkin's lymphoma.

6.61. \_\_\_\_ Ductal carcinoma in situ accounts for the majority of all breast cancers.

6.62. \_\_\_\_ Teletherapy uses 3-dimensional computer imaging to aim radiation doses more precisely.

6.63. \_\_\_\_ Hodgkin's disease at stage I has a better cure rate than at stage IV.

6.64. \_\_\_\_ An osteosarcoma usually involves the bones of the sacrum.

6.65. \_\_\_\_ Breast cancer cannot occur in males because they do not have breast tissue.

## WHICH IS THE CORRECT MEDICAL TERM?

Select the correct answer and write it on the line provided.

6.76. The yeast *Candida albicans* causes \_\_\_\_\_.

aspergillus

chickenpox

moniliasis

rubella

6.77. Of the diseases listed here, \_\_\_\_\_ is the only one that is *not* an autoimmune disorder.

Crohn's disease

Graves' disease

lymphedema

psoriasis

6.78. The type of bacteria that are capable of movement are the \_\_\_\_\_.

bacilli

spirochetes

staphylococcus

streptococcus

6.79. An example of a soft tissue sarcoma is \_\_\_\_\_.

adenocarcinoma

myosarcoma

neurosarcoma

osteosarcoma

6.80. Endocarditis and pneumonia are usually caused by \_\_\_\_\_ infections.

fungal

staphylococci

streptococci

virus

## TERM SELECTION

Select the correct answer and write it on the line provided.

6.46. The term meaning not recurring and with a favorable chance for recovery is \_\_\_\_\_.

benign

in situ

malignant

neoplasm

6.47. The condition that is frequently associated with an HIV infection is \_\_\_\_\_.

lymphoma

Hodgkin's disease

Kaposi's sarcoma

myoma

6.48. Malaria is caused by a \_\_\_\_\_.

parasite

rickettsiae

spirochete

virus

6.49. An example of a disease caused by a bacillus is \_\_\_\_\_.

aspergillosis

Lyme disease

rubella

tuberculosis

6.50. Koplik's spots in the mouth are an early sign of \_\_\_\_\_.

measles

mumps

shingles

rubella

## CLINICAL CONDITIONS

Write the correct answer on the line provided.

6.66. Dr. Wei diagnosed her patient as having an enlarged spleen. The medical term for this condition is \_\_\_\_\_.

6.67. The cause of Roger Thompson's infection was the \_\_\_\_\_. This is caused by a group of large herpes-type viruses with a wide variety of disease effects.

6.68. Mr. Grossman was treated with a \_\_\_\_\_ drug. This is a hormone-like preparation used primarily as an anti-inflammatory and as an immunosuppressant.

6.69. Soon after her breast cancer was diagnosed, Dorothy Peterson's doctor performed a/an \_\_\_\_\_. In this procedure the tumor and a margin of healthy tissue are removed.

6.70. Since his kidney transplant, Mr. Lanning must take a/an \_\_\_\_\_ to prevent rejection of the donor organ.

6.71. José Sanchez received a poliomyelitis \_\_\_\_\_ to ensure his immunity to this disease.

6.72. Tarana Inglis complained that the glands in her neck were swollen. Dr. Neilson explained that these are the \_\_\_\_\_ lymph nodes.

6.73. Because he had chickenpox as a child, Rob Harris now has natural \_\_\_\_\_ immunity to this disease.

6.74. As a child, John Fogelman had a viral disease in which the parotid glands were swollen. John's doctor said he had the \_\_\_\_\_.

6.75. Jane Doe is infected with HIV. One of her medications is acyclovir, which is a/an \_\_\_\_\_ drug.