

Chapter 02 Mechanisms of Disease

True / False

1. Chromosomal and genetic abnormalities are always incompatible with life.

- a. True
- b. False

ANSWER: False

2. Tissue can be inflamed but not infected.

- a. True
- b. False

ANSWER: True

3. Obesity has no effect on an individual's life span.

- a. True
- b. False

ANSWER: False

4. Hypervitaminosis develops in individuals who consume large amounts of vitamins for extended periods of time.

- a. True
- b. False

ANSWER: True

5. Immunodeficiency is the immune response of the body being unable to defend itself due to a decrease or absence of leukocytes, primarily lymphocytes.

- a. True
- b. False

ANSWER: True

6. The aging process is progressive and reversible.

- a. True
- b. False

ANSWER: False

7. The aging process leads to death due to a decrease in the ability of the body to fight disease.

- a. True
- b. False

ANSWER: True

8. Diseases that are not lethal during the younger years could be the cause of death in older individuals.

- a. True
- b. False

ANSWER: True

9. Once the heart quits functioning, the person is considered brain-dead.

- a. True

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b. False

ANSWER: False

10. Symptoms of inflammation include redness, pain, swelling, and warm to the touch.

a. True

b. False

ANSWER: True

Multiple Choice

11. Hereditary diseases are classified in which of the following ways?

a. single gene abnormality

b. abnormality of several genes

c. abnormality of a chromosome, either the entire absence of a chromosome or the presence of an additional chromosome

d. all of the above

ANSWER: d

12. *Congenital* means:

a. "begins in childhood." b. "begins at puberty."

c. "born with." d. "begins in middle age."

ANSWER: c

13. An example of a congenital disease or disorder is:

a. cerebral palsy. b. hypertension.

c. Down syndrome. d. both a and c.

ANSWER: d

14. Classifications of trauma include:

a. motor vehicle accidents. b. falls.

c. burns. d. all of the above.

ANSWER: d

15. An example of triage, in general, is giving priority care to a patient who:

a. has ear pain.

b. has a small laceration on the forehead.

c. complains of crushing, radiating chest pain.

d. has low back pain.

ANSWER: c

16. Signs of inflammation include:

a. redness. b. being warm to the touch.

c. pain. d. all of the above.

ANSWER: d

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17. Nutrition administered through the enteral route includes which of the following methods?

- a. TPN
- b. subcutaneous
- c. gastrostomy
- d. intravenous

ANSWER: c

18. Cachexia describes:

- a. a well-nourished individual.
- b. an overweight individual.
- c. an ill, thin individual.
- d. an ill, overweight individual.

ANSWER: c

19. General guidelines for a healthy lifestyle include all of the following EXCEPT:

- a. maintaining body weight.
- b. consuming excessive alcohol.
- c. getting enough sleep and rest.
- d. maintaining a moderate exercise schedule.

ANSWER: b

20. The aging process is affected by such factors as:

- a. lifestyle.
- b. heredity.
- c. stress.
- d. all of the above.

ANSWER: d

21. Criteria to determine brain death include:

- a. a normal EEG.
- b. a normal EKG.
- c. rapid respiration.
- d. a lack of response to stimuli.

ANSWER: d

22. Examples of neoplasm include:

- a. adenoma.
- b. lipoma.
- c. melanoma.
- d. all of the above.

ANSWER: d

23. All of the following neoplasms are malignant EXCEPT:

- a. lipoma.
- b. sarcoma.
- c. carcinoma.
- d. glioma.

ANSWER: a

24. Obesity:

- a. shortens one's life.
- b. lengthens one's life.
- c. has no adverse effect on one's life.
- d. b and c.

ANSWER: a

25. Examples of allergens include:

- a. house dust.
- b. grass.
- c. pets.
- d. all of the above.

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ANSWER: d

Matching

Match each item to a word or phrase listed below.

- a. congenital
- b. oncology
- c. malignant
- d. encapsulated
- e. metastatic
- f. total parenteral nutrition
- g. enteral
- h. degeneration
- i. ischemic
- j. infarct

26. cellular death

ANSWER: h

27. moving from site of origin

ANSWER: e

28. enclosed in a capsule

ANSWER: d

29. hypoxia caused by decreased blood flow

ANSWER: i

30. present at birth

ANSWER: a

31. usually deadly

ANSWER: c

32. area of dead cells commonly due to obstruction of arteries

ANSWER: j

33. nutrition through the small intestine route

ANSWER: g

34. study of cancer

ANSWER: b

35. providing total nutrition needed by giving nutritive liquid through the venous route

ANSWER: f