

LESSON PLAN: 8

COURSE TITLE: MEDICATION TECHNICIAN

UNIT: III BODY SYSTEMS, DRUGS, AND OBSERVATIONS

EVALUATION ITEMS:

1. What are the four main parts of the body plan?

Match the changes occurring in “normal” older adults with how they affect drug effectiveness.

- | | | |
|--------|-------------------------------|--|
| ___ 2. | Decrease in liver function | a. changes affecting absorption of drugs |
| ___ 3. | Lowered cardiac output | b. changes affecting distribution of drugs |
| ___ 4. | Reduced filtration by kidneys | c. changes affecting metabolism of drugs |
| ___ 5. | Less gastric acidity | d. changes affecting elimination of drugs |
6. List one special risk for ill older adults.

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Match body system to body function.

- | | |
|--------------------|-----------------|
| A. Cardiovascular | G. Nervous |
| B. Digestive | H. Reproductive |
| C. Endocrine | I. Respiratory |
| D. Integumentary | J. Sensory |
| E. Lymphatic | K. Urinary |
| F. Musculoskeletal | |

- ___ 7. Vision, hearing, and balance
- ___ 8. Gives body movement and support
- ___ 9. Controls and coordinates body activities
- ___ 10. Prepares food for use and excretes wastes
- ___ 11. Provides oxygen for cells
- ___ 12. Carries nutrients and oxygen to cells
- ___ 13. Produces urine
- ___ 14. Manufactures Vitamin D
- ___ 15. Regulates metabolism
- ___ 16. Produces hormones responsible for secondary sex characteristics.
- ___ 17. Filters body impurities

Name two structures in each system.

- 18. Musculoskeletal system.
 - A.
 - B.

19. Nervous system.

A.

B.

20. Sensory system.

A.

B.

21. Cardiovascular system.

A.

B.

22. Respiratory system.

A.

B.

23. Digestive system.

A.

B.

24. Urinary system.

A.

B.

25. Reproductive system.

MALE:

A.

B.

FEMALE:

A.

B.

26. Endocrine system.

A.

B.

27. Integumentary system.

A.

B.

28. Lymphatic system.

A.

B.

Match disease/condition to the appropriate definition.

A. Cerebral Vascular Accident (CVA)

G. Deafness

B. Congestive Heart Failure

H. Glaucoma

C. Cataracts

I. Shingles

D. Epilepsy

J. Hypertension

E. Fracture

K. Alzheimer's Disease

F. Arthritis

L. Parkinson's Disease

29. ____ A condition in which the heart does not work effectively and fluid builds up in the feet, legs, and the lungs.

30. ____ A condition in which the lens in the eye becomes cloudy, impairing vision.

31. ____ A clot, hemorrhage, or other occlusion blocks circulation to area of brain & causes tissue damage and often paralysis.

32. ____ A condition in which joints become inflamed and stiffened.

33. ____ A condition in which the blood moves through the vessels with too much pressure.

34. ____ A neurological condition characterized by brief alternations of consciousness and seizures.

35. ____ A break in a bone.

36. ____ A condition of not being able to hear sounds.
37. ____ A condition of the eye caused by too much pressure in the eye; may lead to blindness.
38. ____ A condition in which the herpes virus from chicken pox has laid dormant and emerges again in the form of a painful lesion on the peripheral nerves.
39. ____ A chronic nervous system disease characterized by fine, slowly spreading tremors.
40. ____ A chronic organic disorder of the brain characterized by confusion, memory loss, restlessness, and speech disturbances; with no current treatment.

Circle the letter of the best answer.

41. Laxatives would be used to treat a disease or condition of which body system?
- a. Digestive.
 - b. Cardiac.
 - c. Nervous.
 - d. Urinary.
42. Antidepressants would be used to treat a disease or condition of which body system?
- a. Digestive.
 - b. Cardiac.
 - c. Nervous.
 - d. Urinary.
43. Vasodilators would be used to treat a disease or condition of which body system?
- a. Cardiovascular.
 - b. Endocrine.
 - c. Musculoskeletal.
 - d. Sensory.
44. Tranquilizers would be used to treat a disease or condition of which body system?
- a. Lymphatic.
 - b. Nervous.
 - c. Musculoskeletal.
 - d. Sensory.

45. Thyroid medications would be used to treat a disease or condition of which body system?
- a. Urinary.
 - b. Sensory.
 - c. Respiratory.
 - d. Endocrine.
46. Dermatological medications would be used to treat a disease or condition of which body system?
- a. Endocrine.
 - b. Integumentary.
 - c. Nervous.
 - d. Sensory.
47. Antiarthritic medications would be used to treat a disease or condition of which body system?
- a. Cardiovascular.
 - b. Endocrine.
 - c. Musculoskeletal.
 - d. Urinary.
48. Hypoglycemics would be used to treat a disease or condition of which body system?
- a. Endocrine.
 - b. Integumentary.
 - c. Nervous.
 - d. Respiratory.