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# Section 4—Effects of Medications on Body Systems

## Unit 21—Medications Used for Musculoskeletal System Disorders

### Part I—Matching

**Directions.** Using the answer sheet, place the letter of your choice in the appropriate space:

- |                              |                      |
|------------------------------|----------------------|
| 1. a neurotransmitter        | A. methotrexate      |
| 2. gold therapy              | B. myasthenia gravis |
| 3. a chelating agent         | C. ibuprofen         |
| 4. rheumatrex                | D. ketorolac         |
| 5. autoimmune disorder       | E. chrysotherapy     |
| 6. anti-inflammatory effects | F. corticosteroids   |
| 7. Motrin, Advil             | G. acetylcholine     |
| 8. Iodine                    | H. etodolac          |
| 9. Toradol                   | I. cyclobenzaprine   |
| 10. Flexeril                 | J. penicillamine     |

### Part II—Completion

11. Inflammation is a normal response to:

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_

12. When a patient is taking corticosteroids, it is important to teach the patient to avoid:

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_
- e) \_\_\_\_\_

13. There are \_\_\_\_\_ bones and more than \_\_\_\_\_ muscles in the body.

### Part III—Multiple Choice

**Directions.** Select the best answer to each multiple-choice question, and write the appropriate letter on the answer sheet:

14. The generic name for Depo-Medrol is \_\_\_\_\_.

- a) methylprednisolone acetate
- b) methylprednisolone sodium
- c) betamethasone
- d) triamcinolone

15. The adverse reactions of aspirin include \_\_\_\_\_.

- a) GI distress
- b) tinnitus
- c) rapid pulse
- d) all of these

16. The usual anti-inflammatory oral dose of auranofin (Ridaura) is \_\_\_\_\_.

- a) 200 to 600 mg daily
- b) 125 to 250 mg/day
- c) 3 mg twice/day
- d) 25 to 50 mg weekly

17. The generic name of Robaxin is \_\_\_\_\_.

- a) baclofen
- b) chlorzoxazone
- c) methocarbamol
- d) metaxalone

18. The generic name of Valium is \_\_\_\_\_.

- a) diazepam
- b) dantrolene
- c) chlorzoxazone
- d) baclofen

19. Drowsiness, weakness, headache, dry mouth, nausea, and urinary retention are adverse reactions of \_\_\_\_\_.
- a) Valium
  - b) Robaxin
  - c) Norflex
  - d) Skelaxin
20. Neuromuscular blocking agents may be used to \_\_\_\_\_.
- a) provide muscle stimulation
  - b) relieve laryngospasm
  - c) facilitate endotracheal intubation
  - d) b and c
21. Headache, dizziness, and bradycardia are adverse reactions of \_\_\_\_\_.
- a) Tracrium
  - b) Mytelase
  - c) Metubine
  - d) Pavulon
22. Skeletal muscle stimulants act by inhibiting \_\_\_\_\_.
- a) the action of acetylcholinesterase
  - b) the action of cholinesterase
  - c) the action of prostaglandin
  - d) none of these
23. Fear, agitation, restlessness, nausea, epigastric discomfort, muscle cramps, fasciculations, and pallor are adverse reactions of \_\_\_\_\_.
- a) Mytelase
  - b) Tensilon
  - c) Prostigmin Bromide
  - d) Mestinon
24. You should know that hydrocortisone (Cortef) is a \_\_\_\_\_.
- a) skeletal muscle stimulant
  - b) skeletal muscle relaxant
  - c) corticosteroid
  - d) nonsteroidal agent
25. Prolonged use of hydrocortisone (Cortef) may result in a cushingoid state. Signs and symptoms include \_\_\_\_\_.
- a) acne, moon face, buffalo hump
  - b) diarrhea, nausea, vomiting
  - c) hypotension, hyperglycemia, urticaria
  - d) purpura, petechiae, hypertension

## Unit 22—Medications Used for Gastrointestinal System Disorders

### Part I—Matching

**Directions.** Using the answer sheet, place the letter of your choice in the appropriate space:

- |   |               |
|---|---------------|
| 1. process of emptying the bowel                | A. duodenum   |
| 2. difficulty in digestion                      | B. pyrosis    |
| 3. heartburn                                    | C. emetic     |
| 4. neutralizes hydrochloric acid in the stomach | D. Metamucil  |
| 5. cimetidine                                   | E. defecation |
| 6. ranitidine                                   | F. antacids   |
| 7. ipecac syrup                                 | G. Zantac     |
| 8. bulk-forming laxative                        | H. dyspepsia  |
| 9. antacid mixture                              | I. Mylanta    |
| 10. first part of the small intestine           | J. Tagamet    |

### Part II—Completion

11. List three causes of diarrhea.
- a) \_\_\_\_\_
  - b) \_\_\_\_\_
  - c) \_\_\_\_\_
12. List six laxative classifications.
- a) \_\_\_\_\_
  - b) \_\_\_\_\_
  - c) \_\_\_\_\_
  - d) \_\_\_\_\_
  - e) \_\_\_\_\_
  - f) \_\_\_\_\_
13. \_\_\_\_\_ is an antiulcer agent that is used to prevent nonsteroidal anti-inflammatory drug-induced gastric ulcers.

### Part III—Multiple Choice

**Directions.** Select the best answer to each multiple-choice question, and write the appropriate letter on the answer sheet:

14. During the digestive process a partially digested mass, known as a \_\_\_\_\_, leaves the stomach and passes into the small intestine.
- a) bolus
  - b) chyme
  - c) bile
  - d) chole
15. The generic name of Phosphaljel is \_\_\_\_\_.
- a) basic aluminum carbonate gel
  - b) magnesium oxide
  - c) magaldrate
  - d) aluminum phosphate
16. Constipation is an adverse reaction of \_\_\_\_\_.
- a) Phosphaljel
  - b) Riopan
  - c) milk of magnesia
  - d) magnesium oxide
17. Products that contain magnesium hydroxide may cause \_\_\_\_\_.
- a) constipation
  - b) diarrhea
  - c) nausea
  - d) vomiting
18. \_\_\_\_\_ mixes with gastric acid to form a pastelike coating that prevents further damage by ulcerogenic secretions.
- a) Tagamet
  - b) Zantac
  - c) Carafate
  - d) Cimetidine
19. Prilosec is used in the short-term treatment of \_\_\_\_\_.
- a) peptic ulcer and mild diarrhea
  - b) active duodenal ulcer and erosive esophagitis
  - c) dysphagia and mild diarrhea
  - d) peptic ulcer and severe diarrhea

20. Headache, abdominal pain, and diarrhea are adverse reactions of \_\_\_\_\_.
- a) Aciphex
  - b) Axid
  - c) Prevacid
  - d) Zantac
21. The onset of action of Surfak is \_\_\_\_\_.
- a) 5 to 12 hours
  - b) 6 to 12 hours
  - c) 1 to 3 days
  - d) 3 to 6 days
22. Docusate sodium (Colace) is a \_\_\_\_\_.
- a) stimulant laxative
  - b) saline laxative
  - c) bulk-forming laxative
  - d) stool softener
23. Temporary darkening of the stool and tongue is an adverse reaction of \_\_\_\_\_.
- a) Pepto-Bismol
  - b) Lomotil
  - c) Imodium
  - d) Kaopectate
24. The usual adult antidiarrheal dosage of Pepto-Bismol is \_\_\_\_\_.
- a) 4 to 8 tablespoons
  - b) 0.3 to 1 mL
  - c) 30 mL or 2 tablets
  - d) 4 mg
25. Mylanta is a common antacid mixture that is contraindicated in patients \_\_\_\_\_.
- a) with kidney disease
  - b) taking any form of penicillin
  - c) taking any form of a tetracycline
  - d) a and c