

Question 1

A patient is diagnosed with a gram-negative infection and is prescribed an aminoglycoside. What is the action of an aminoglycoside?

- A) It blocks protein synthesis of the cell wall.
- B) It blocks DNA replication.
- C) It destroys the integrity of the cell wall structure.
- D) It increases white blood cell viability.

Answer: <https://biology-forums.com/index.php?topic=1908194>

Question 2

A 40-year-old man has been living with HIV for several years but experienced a significant decrease in his CD4+ levels a few months ago. The patient has just been diagnosed with Mycobacterium avium complex disease. The nurse should anticipate administering which of the following medications?

Select all that apply.

- A) Clarithromycin
- B) Pyrazinamide
- C) Rifapentine (Priftin)
- D) Azithromycin
- E) Bactrim

Answer: <https://biology-forums.com/index.php?topic=1908230>

Question 3

The nurse is providing care for a patient who has rheumatoid arthritis. Which of the following herbal supplements is often combined with chondroitin to repair cartilage?

- A) Ginkgo
- B) Glucosamine
- C) St. John's wort
- D) Saw palmetto

Answer: <https://biology-forums.com/index.php?topic=1908037>

Question 4

A 4-year-old boy is postoperative day one following surgery for trauma suffered in a motor vehicle accident. The boy is in pain, and the nurse is preparing to administer a dose of hydromorphone syrup as ordered. To administer this drug, the nurse should use

- A) a teaspoon.
- B) a transparent, 2-ounce medication cup.
- C) a parenteral syringe with the needle removed.
- D) an oral syringe.

Answer: <https://biology-forums.com/index.php?topic=1908050>

Question 5

An adult patient with a diagnosis of hypertension has had oral Lasix added to his medication regimen by his primary care provider. The nurse is planning a brief health education session with the patient in light of this change in his treatment plan. What goal should the nurse specify when planning this teaching session?

- A) The patient will identify strategies for limiting his sodium intake.
- B) The patient will describe the rationale for increasing his fluid intake.
- C) The patient will be able to demonstrate correct technique for blood glucose monitoring.
- D) The patient will accurately describe the basic structure and functions of the kidneys.

Answer: <https://biology-forums.com/index.php?topic=1908351>

Question 6

A woman in preterm labor has been administered terbutaline sulfate (Brethine). For what potential adverse effects should the nurse assess the patient?

- A) Pruritus (itching) and copious diaphoresis
- B) Joint pain and numbness in her extremities
- C) Headache and visual disturbances
- D) Palpitations and shortness of breath

Answer: <https://biology-forums.com/index.php?topic=1908073>

Question 7

A patient is experiencing allergy symptoms after being exposed to environmental dust. This reaction involves the action of histamine, which is released by what cells?

- A) Lymphocytes
- B) CD4 T cells
- C) Basophils
- D) Platelets

Answer: <https://biology-forums.com/index.php?topic=1908321>

Question 8

A patient who has been diagnosed with type 2 diabetes mellitus is being instructed on her medication regimen, diet, and exercise. She is having difficulty grasping information about when exactly she should administer insulin. Which of the following nursing diagnoses is most appropriate for this patient?

- A) Deficient knowledge: drug therapy regimen
- B) Noncompliance: overuse
- C) Risk for injury related to adverse effects
- D) Acute confusion related to insulin regimen

Answer: <https://biology-forums.com/index.php?topic=1908035>

Question 9

Sirolimus and cyclosporine are being used to prevent renal transplant rejection in an adult patient. What principle should guide the nurse's administration of these two drugs?

- A) Sirolimus should be given orally; cyclosporine should be administered IV.
- B) The two drugs should be administered together to potentiate their effects.
- C) The two drugs should be given at least 4 hours apart.
- D) The drugs should be administered in a single intramuscular injection.

Answer: <https://biology-forums.com/index.php?topic=1908125>

Question 10

A patient is administered a stimulant cathartic. Which of the following is the most common adverse effect of a stimulant cathartic?

- A) Nausea
- B) Vomiting
- C) Diarrhea
- D) Rectal bleeding

Answer: <https://biology-forums.com/index.php?topic=1908403>

Question 11

A nature photographer will be embarking on a trip to sub-Saharan Africa and is beginning a protocol for malaria prophylaxis involving 500 mg of chloroquine phosphate (Aralen). What instruction should the nurse include in this patient's health education?

- A) Make sure you take your pill on the same day each week.
- B) It's not unusual to develop a rash on your trunk and arms, but this isn't cause for concern.
- C) You'll need to plan ahead so that you take your chloroquine on an empty stomach.
- D) We'll need to provide you with enough syringes and teach you how to inject the drug.

Answer: <https://biology-forums.com/index.php?topic=1908252>

Question 12

The home care nurse sees a patient for the first time. The patient has crackles in the lower lobes of the lungs, an audible S3, and pitting edema in the feet and ankles. What condition is the patient most likely experiencing?

- A) Pneumonia
- B) Liver disease
- C) Heart failure
- D) Myocardial infarction

Answer: <https://biology-forums.com/index.php?topic=1908256>

Question 13

An obese patient has asked her nurse practitioner to prescribe sibutramine. What variable will most affect the nurse's decision?

- A)Sibutramine has been taken off the market due to adverse cardiovascular effects.
- B)Sibutramine is prohibitively expensive and is not covered by most insurers.
- C)The use of sibutramine requires weekly blood work.
- D)Sibutramine must be combined with an anticholinergic drug in order to potentiate its effects.

Answer: <https://biology-forums.com/index.php?topic=1908367>

Question 14

A nurse educator is working with a patient of a bariatric clinic who has just begun taking orlistat. The nurse should encourage the patient to supplement her diet with which of the following?

- A)An iron supplement
- B)A multivitamin
- C)An omega-3 fatty acid supplement
- D)A potassium supplement

Answer: <https://biology-forums.com/index.php?topic=1908375>

Question 15

Which organization is responsible for approving new drugs in the United States?

- A)American Medical Association
- B)American Pharmaceutical Association
- C)Food and Drug Administration
- D)United States Pharmacopeia

Answer: <https://biology-forums.com/index.php?topic=1908006>

Question 16

A nurse is preparing a patient's scheduled dose of oral vancomycin. This patient's current illness was most likely manifested by what sign or symptom?

- A)Vomiting
- B>Inflamed, swollen skin
- C>Shortness of breath
- D)Diarrhea

Answer: <https://biology-forums.com/index.php?topic=1908225>

Question 17

Which of the following patients would likely be the most appropriate candidate for treatment with filgrastim (Neupogen)?

- A)A patient who has undergone a mastectomy for the treatment of breast cancer
- B)A patient with acquired immune deficiency syndrome (AIDS) who has been diagnosed with Kaposi's sarcoma
- C)A patient who developed acute renal failure secondary to rhabdomyolysis
- D)A patient whose acute myelogenous leukemia necessitated a bone marrow transplant

Answer: <https://biology-forums.com/index.php?topic=1908105>

Question 18

When instructing the parents of a child who has received immunization in the vastus lateralis, which reaction is most common in the days after the administration?

- A)Nausea, vomiting, and diarrhea
- B>Rash and edema
- C>Weakness and difficulty walking
- D)Tenderness and redness at the site

Answer: <https://biology-forums.com/index.php?topic=1908116>

Question 19

A nurse is preparing to simultaneously administer two drugs to a patient. The nurse knows that the drugs have been ordered to be given together because of their synergistic effect. This means that

- A)the adverse effects of one of the drugs are nullified by the other drug.
- B)the combined effects are greater than the effects of either one of the drugs alone.
- C)one of the drugs enhances metabolism, while the other drug enhances either distribution or absorption.
- D)both drugs are toxic in isolation but therapeutic when administered together.

Answer: <https://biology-forums.com/index.php?topic=1908018>

Question 20

A pregnant woman is experiencing nausea and vomiting in her first trimester of pregnancy. Which herbal agent has traditionally been used as an antiemetic?

- A)Ginger
- B)Garlic
- C)Ginkgo biloba
- D)Green tea

Answer: <https://biology-forums.com/index.php?topic=1908067>