1. Drug therapy for clients with elevated serum cholesterol and increased low-density lipoprotein concentrations uses:
   a. Anticoagulants
   b. Antihypertensives
   c. **Antilipemic agents** ANSWER
   d. Antiarrhythmic agents

2. HMB-CoA reductase inhibitors (statins) work by:
   a. **Inhibiting the enzyme needed for cholesterol syntheses.** ANSWER
   b. Binding with bile acids in the intestine, which reduces the total body cholesterol.
   c. Inhibiting the mobilization of free fatty acids from the peripheral tissues.
   d. Inhibiting intestinal absorption of both dietary and biliary cholesterol, blocking its transport in the small intestine.

3. Which comment if made by a patient taking antilipemic agents would indicate the need for follow-up teaching?
   a. “I will take my medicine every morning with a glass of grapefruit juice.” ANSWER
   b. “I will continue my low fat diet and exercise plan.”
   c. “I will report to my doctor any onset of muscle pain, weakness or bleeding.”
   d. “I will do follow-up lab studies with the doctor.”

4. Which drug is a member of the best known and most commonly prescribed lipid lowering agents?
   a. Niacin
   b. **Tricor®** (fenofibrate)
   c. Questran® (cholestyramine)
   d. **Lipitor®** (atorvastatin) ANSWER

5. Which adverse reactions/side effects are most common for antilipemic agents?
   a. **Signs/symptoms of gastrointestinal distress** ANSWER
   b. Myalgia, arthritis, myositis
   c. Impotence, urinary tract infections, decreased urinary output
   d. Headaches, tinnitus pancreatitis

6. What is rhabdomyolysis? Myalgia? Myositis?
   **ANSWER: See Student Version of Lipid Lowering Agents**

7. According to the American Heart Association what is the desirable Total Serum Cholesterol level?
   **ANSWER:**
   See the following website:
   http://www.heart.org/HEARTORG/Conditions/Cholesterol/AboutCholesterol/What-Your-Cholesterol-Levels-Mean_UCM_305562_Article.jsp

8. What is the recommended administration time for most lipid-lowering agents?
   **ANSWER:** with the evening meal