

Module 1: Pharmacology – Cardiovascular and Endocrine Systems

Question 1: Which of the following drug classes can be used to treat a blood pressure of 150/90 mmHg?

- A. ACE inhibitor
- B. ARB
- C. CCB
- D. All of the above

Question 2: When elevated, which of the following can reduce the risk of death in hyperlipidemia?

- A. LDL
- B. Triglycerides
- C. HDL
- D. All of the above

Question 3: Which of the following pairings is correct?

- A. Captopril - ARB
- B. Losartan - Loop diuretic
- C. Amlodipine - CCB
- D. Propranolol - Potassium Sparing diuretic

Question 4: GG is a 45-year-old male who was recently diagnosed with hyperlipidemia. What is the first line treatment for GG?

- A. Atorvastatin
- B. Niacin
- C. Fenofibrate
- D. Colesevelam

Question 5: True or False? BM is a 59-year-old female recently put on furosemide for heart failure. Furosemide will reduce the risk of death in BM.

- A. True
- B. False

Question 6: Which of the following is a CCB that can be used for dysrhythmias?

- A. Nifedipine
- B. Digoxin
- C. Diltiazem
- D. Metoprolol

Question 7: HF is a 63-year-old female recently diagnosed with hypothyroidism. What is the appropriate medication for HF?

- A. Levothyroxine
- B. Ketoconazole
- C. Fludrocortisone
- D. Methimazole

Question 8: Which characteristic describes Type 1 Diabetics?

- A. Older patients
- B. Most common type of diabetes
- C. Start with medications then escalate to insulin
- D. Insulin is no longer produced at all

Question 9: True or False? A cloudy vial of Novolog is contaminated and poses a patient safety risk.

- A. True
- B. False

Question 10: Put the following steps in the correct order of natural disease progression:

1. ACS /AMI
 2. Plaque builds up in the arteries
 3. Excess cholesterol forms plaque
 4. Blocked blood flow to heart
 5. Ischemia or chest pain
- A. 3, 2, 5, 4, 1
 - B. 3, 2, 4, 5, 1
 - C. 2, 3, 5, 1, 4
 - D. 4, 3, 2, 1, 5